

#### Dear Greenweld Customer,

We know you'll just love our brand new edition of the ever-popular Greenweld Catalogue. Along with thousands of new customers every year, you'll find our amazing range of innovative products, bargains and just about everything for the hobbyist are too goodto miss. Just look at what you get when you shop with Greenweld:

• Factory Prices - huge savings on many High Street lines

• The latest time, money and energy saving innovative products





ORDER CODE TY0001 33.99



· Takes off, flies and lands

TY0071

f 39.99

- · Fully charged in minutes
- · Fabulous family fun

This model flies just like the real thing. Easy to pilot in the air - you can take off, hover, fly and land up to 200ft away. The helicopter lands safely if power runs out and the rotor blades are almost indestructible if crashed! What a great gift and amazing at just £39.99.



This friendly robot can be programmed with the date and time plus the target saving amount so that each time money is deposited, the Robobank will give words of appreciation and encouragement. Just the sort of instant feedback we could all do with! Takes 4 x AA batteries (included). 13 x 24 x

Ready to run - straight out of the box! This superb value radio control boat features forward, reverse, left/right turn and stop. Includes safety device to prevent uncontrolled driving as the boat automatically stops when out of range of the transmitter. Also includes handy stand for storage. Complete with handheld transmitter and full set of batteries.

Spyset - keep your eyes and éars open

**VEW!** ORDER CODE HLL1189 f9 99

Listen in to the latest gossip without putting a glass to the wall or peering over the garden fence. This discreet directional amplifier features variable

volume and high grade earphone. Can you see what I see? Keep a close eye with the Spyscope, whether you're looking out for the milkman or reading the small print on a bill. Also ideal for kids who love looking at micro wildlife in the garden. Pull out the eyepiece to use it as an 8x magnifying telescope then push it back all the way in to use as a 30x magnifying microscope. Eavesdropper: 6 x 7 x 2cm Spyscope: 12 x 1 x 1cm

Bladerunner R/C Indoor Helicopter

ORDER CODE TY0080 £99.99

Sensational new indoor radio-controlled helicopter. Fully functioning and ready to fly. Three channel proportional radio means this is easy to control and fly indoors, with up, down forward, reverse and turn functions. Fantastic gift idea or just brilliant for you! Includes mains charger/transmitter and high capacity rechargeable flight battery. Requires 1 x 9V PP3 for the transmitter (Code: BT0015 £2.45)

**Radio Control Hovercraft:** Works On Land



This radio controlled vehicle is something special. It is a fully functional hovercraft and can go on both land and water.

- Hovercraft Specification:
- Almost 40cm long
- · Hovercraft with three powerful motors
- · Rubber air-bag skirt
- Dual-drive props with safety cages
- · Top-mount air compressor
- · Dual-stick, three-channel radio control transmitter with lift-cut button
- · Owner's manual
- 9.6 rechargeable battery pack
- · 9V battery required for controller
- 8-15 minutes running time before recharging
- Comes complete and ready to run Was £79.99.

**Keyring Multi-tool** 



The perfect companion for just about any small DIY project, this handy multitool includes a torch, knife, bottle opener, screwdriver, saw and pliers. 16+

**GREENWELD** gadgets

#### Flashing Magnetic Message Board



Get your message across with the LUMIPAD. The kitchen is at the heart of most homes and the fridge is the place everyone goes to at least twice a day, so where better to position that all-important message? Write a pithy note on the Lumipad using the special pen, then switch to the 'ON' position and your message will be illuminated. The Lumipad Fridge magnet also has a motion sensor which reacts to people passing by, activating the flashing mode when someone comes close to it. Now there can be no excuse for not seeing your message!

- Magnetic 5" screen sticks to your fridge
- sensor reacts to people passing by and flashes messages on the screen
- wipe message off with dry cloth
- Includes Lumipad message board, Lumipad marker, Cloth and Instruction manual
- size14 x 12 x 2cm.

#### Large Lumipad Message Board



They won't miss your messages now. Get your message across to the family in a fun and noticeable way - write on the Lumipad with the special coloured pens supplied, switch the board on and see it flash or glow.

- Integrated table stand
- 2 modes: flashing / continuous
- Includes 7" Lumipad, Lumipad marker, Cleaning cloth and Instruction Manual.

Requires 4 x AAA batteries (not supplied)

#### **CD** Holder



Store and carry your CD's safely in this padded 48 CD holder with soft lined plastic sleeves. Colours may vary. With wrist strap for carrying.



DYNAMO TORCH RADIO/MOBILE PHONE CHARGER.

Mobile Phone Not Included

- MW/FM wind-up torch radio
- Mobile phone charging facility
- · Winding dynamo with Ni-Cad battery store
- Handy narrow beam, bright LED torch
- 6 section telescopic aerial
- · Headphone socket
- Power from Ni-Cad or 2 x alkaline AA batteries (alkaline batteries not supplied order BT0012 at £1.95 for 4)

Comes complete with carry cord and a range of mobile phone connectors.



Play CDs on the move for just £19.99 with this super personal CD player complete with stereo headphones.

#### Features:

- 24 programmable tracks
- Plays CD & CDR
- Bass boost and key hold
- Battery recharge function

Powered by 2 AA batteries (not supplied - BT0012 £1.95). Jack socket for AC adaptor (not supplied - see below) Was £26.99.

Suitable mains adaptor for the above. Unregulated 500mA plug in PSU.

ST660065

£4.99





1EW!

Amazingly powerful binoculars that zoom from 12x to 60x magnification.

- 70mm objective lens ideal for low light.
- Ruby coated lenses for clarity
- Rubber covered for grip
- includes folding pan & tilt table-top tripod
- Incredible Value



This excellent Airband radio from Steepletone is ideal for those who want to take up the hobby of listening to aircraft transmissions, or just for general interest. This bargain radio receives airband on 108-136MHZ and FM on 88-108MHZ and even has MW too! Also includes an aircraft radio frequencies and guide book with aircraft recognition section and a free pair of headphones. Can you believe it - all this for just £14.99. Requires 1 x D battery (order code BT0014). And why not order our super In-Car Audio Adapter featured below this item. Simply plug it into the headphone socket of your airband radio, plug the cassette into your car cassette player and hear aircraft transmissions clearly through your car's speaker system.



#### MP3 & CD Music Through Your Car Stereo

Allows you to listen to your MP3 player while you are in your car. Hear your favourite MP3 or CD music while on the move. Connects to your car cassette player and requires no external power supply. Also ideal for use with pocket PC's or even play DVD's on your laptop and listen to the sound through your car stereo. Amazing price! As featured in 'New Scientist' magazine.

#### **New Memory Metal** Meccano

New Meccano Design packs feature the new and flexible 'memory metal' components. These parts simply curve to the shape that you require and then return to their flat form when removed. This allows a greater diversity of shapes and designs

Design 1



With this set you can build 3 different motorbikes (one at a time) with curved aerodynamic surfaces.



Includes 223 parts to build 5 different models (one at a time) with curved aerodynamic



Includes 3V motor Includes 287 parts to build 10 different models (one at a time) Takes 2 AA batteries (not included - order BT0012 at £1.95 for 4)



This set includes a 3-volt motor and 424 parts to build 15 different models (one at a time) including a cool sports car. Takes 2 x AA batteries (not included - order BT0012 at £1.95 for 4.)

Meccano Special **Edition Engine** 



Look at this wonderful Special Edition set which would make a splendid introduction to Meccano for the beginner or as a special gift for the experienced Meccano modeller

- Makes 8 different models
- Motorised -includes 6V motor
- Complete with storage case

See our website www.greenweld.co.uk

Modelling tools Modelling books Metal tubes **Hardware LEDs & Bulbs** Plastic gears **Motors** 

#### **Bubble Machine Kit**





EK019 GREAT GIFT 9 99

A whimsical machine to construct from simple components which will delight for hours as it churns out thousands and thousands of bubbles! Age 10+

#### **Meccano Special Edition** Big Ben



TY0078 MECCANO ONLY f59.99

**GREENWELD** 

Build a fantastic model of Big Ben with this superb special edition Meccano set. 60cm (almost 2') tall!

#### **Revell Plastic Model Kits** RMS Titanic 1:400



You've seen the film, now build the ship! This 1:400 scale plastic kit is exceptionally detailed. Produced using completely new tooling, it features a structurally

detailed hull with decking. Three marine screws separate rudder - detailed decks with timber plank structure - life boats and davits - separate railings derricks - detailed funnels - stairways - detailed masts. Also comes with display stand and detailed decals with decorative stripes. Skill level 5. Enormously satisfying to build - absolute bargain!

## Panavia Tornado GR Mk1



multi-role combat bomber from Revell. Length 251mm with a wingspan of 197mm.

ONLY f 9.99



X8330 £3.00 £5.00 For 2

#### Building Simple Model Steam Engines - Book 1

RDER CODE BK9996 NGINE BOOK **ONLY** 

Tubal Cain. There is a fascination about the simple oscillating steam engine which attracts even the builders of true-scale, exact to

prototype quadruple expansion marine engines! This book describes the making of four simple models. Designs and methods of construction are clearly detailed, with instructions that even a beginner will be able

#### **Building Simple Model** Steam Engines - Book 2

Tubal Cain. More Model Steam Engines described in detail for you to build.

BK9997

£5.95

## Easy to build Metal Car Kits from Bburago

#### Jaguar XK120 Roadster



Fantastic 1/24 scale metal kit of the 1950 Jaguar

#### BMW M Roadster 1996



Metal kit to build a 1/18 scale model of this modern classic

# Hot Air Motor Project Kit



Make your own Stirling motor with this kit. The pack contains all the materials needed to produce a fully functional hot air motor. This is NOT a clip together kit! All the most critical parts are prepared but there is a considerable amount of work to be carried out including silver soldering and you will require a few tools. This kit was originally designed for pupils of 15+ but makes an excellent and satisfying project for all ages.

### Steam Engine Project Kit



This kit requires a considerable input from the constructor and uses various metalworking techniques including silver soldering, folding and drilling to produce a fully functional steam engine in brass. The very detailed instruction booklet shows you how, step by step and includes practical tips for working with metal. Uses solid fuel tablets CDT0095.

#### Solid Fuel Tablets

Solid fuel tablets (ESBIT) for use with the steam engine. Two tablets are required for each heating cycle. Supplied in packs of 20.

CDT0095

£3.99

#### Silver Solder

40% silver for all hard soldering on steel, brass and copper. Working temperature 610°C. 1.5mm diameter x 250mm long.

(CDT0096

£2.99

#### Soldering Flux

25gm bottle of flux for silver solder. Effective range 500-800°C.

CDT0097

£5.99

#### My First Clock Kit

£14.99

ORDER CODE Based on the first mechanical clock, developed by CDT0225 the Italian scientist Danti E in 1350. This educational model is made from plastic. A complete mechanical clock with step by step printed instructions. 33 parts to assemble - no tools are

Years ago, 'apprentices' were employed to learn the craft of building wooden boats and were instructed by the masters of the trade. Now you too can learn the joy of assembling scale reproductions of the nautical past with your own hands! These are COMPLETE kits, including many precut parts plus a complete fittings set.

#### Wooden Dinghy Kit



This model is an Amesbury Style Skiff, a type of dinghy designed for use as a yacht tender. It is easily built using the same parts and techniques as the full size boat. It makes an excellent project for those interested in small boat construction. Experience cutting and fitting parts required. Length 10", beam 4", scale - 1" = 1'. Hull construction - die-cut frames, bottom plank, garboard, middle and top planks.

#### Fantail Launch II Kit



Suitable for R/C and now including the Running Hardware Kit. This model is designed for use with the Model VI Steam Engine (see below - order code CDT0232). The Fantail Launch II is a model of the small open steam launch that is typical of the small yachts used at the turn of the century. Length - 19", beam -73/4", scale - 1" = 1'. Hull construction - die-cut frames and keel, balsa side planking.

#### Steam Engine Kit

Discover live steam with this single cylinder oscillating engine and vertical boiler. The engine will run for 10 - 15 minutes at a realistic 3 - 4 knot speed. Operation is as simple as spinning the flywheel to start the engine and the 3" x 5" mahogany base is included with



kit. Also suitable for use with the Fantail Launch II above.

ONLY

#### WonderWasher - Washes Clothes In Minutes



Ideal for small wash loads. Economical, no plumbing, no electricity and small and portable. This unique pressurised Mini Washing Machine provides remarkable cleaning power. Pop in the washing powder and hot water and turn the handle for a full clean wash load in minutes. Cleans up to 5lbs of clothes, takes 2 double sheets in one wash. Supplied with four dry cleaning pads to spot clean and refresh clothes. Ideal for busy households, camping, small flats and bedsits, etc.

#### Plug In Emergency Light

ORDER CODE ST401201 NEW ITEM! ONLY £24.99



A free standing emergency light which switches on automatically after a power failure. Powered by an internal 6V power pack which is automatically recharged from the mains. A fully charged power pack allows 2-3 hours of operation. Shock resistant ABS case. Needs no installation, simply plug it in to a mains socket outlet. Fitted with 2 x 8W neon tubes.

- Slide switch for single tube or dual tube operation
- Operation approx. 6 hours (single tube) 3 hours (double tube)
- Shock Resistant ABS case
- Can be wall mounted

#### **Heat Resistant Gloves**



These remarkable burn-proof gloves, originally developed for fire fighters, are suitable to use as oven gloves, removing hot items from cookers, grills and microwaves. Also excellent for barbecues and bonfires. These 'one size fits all' gloves are soft, flexible and machine washable, and are tested to British Standards. Made from 100% Kevlar Cotton

#### Perfectly Cooked Microwave Meals Everytime



- · Changes colour when food is cooked
- · Preserves flavour and moisture
- Stops food splattering in your microwave This patented microwave food cover is made from a special material that is designed to change colour when your food reaches an even, optimum temperature. No more guesswork or wondering if your food is ready. The specially designed cover will also retain the moisture and food flavour so often lost when cooking or heating food, giving you tastier and thoroughly cooked perfect meals everytime. Generous 26cm fits average dinner plates. Also prevents food splattering the inside of your microwave.

#### Fry Healthy Fat Free Meals In Your Microwave



Fat free frying in your microwave cooker! The faster, healthier, tastier way to fry your food without fat! Excellent for cooking a full English breakfast in the microwave. Fries, crisps and browns bacon, eggs, sausages and mushrooms. Browns and sears meat, grills sandwiches, crisps frozen pizzas and french fries, etc. The 11½" microwave browning plate has a revolutionary polymer non-stick coated skillet, an insulated base for table top protection and a domed splatter guard cover. Cooks food to perfection without butter, oil or fat.

#### Microwave Pressure Cooker





more quickly and easily with this Microwave Pressure Cooker. Dishwasher safe and with a 10-cup capacity, the cooker comes complete with its own ¾ cup capacity measuring cup and tough, nonscratch spatula for easy stirring. Meals cook faster and your food is tender and tasty, with none of the goodness boiled away! Starter recipes are included for steaming rice, vegetables and more. 270mm diameter x 150mm high.

# Solar Film <sup>™</sup> cuts out heat and UV rays by up to 80%

Solar film <sup>™</sup> is a soft plastic film that adheres to any window electrostatically in minutes.

composition filters out harmful UVA UVB and UVC radiation by up to 80%, dramatically reduces heat build up and cuts out harsh glare. Solar film ™ can be wiped clean and is easily removed for reuse elsewhere without leaving marks. It is easy to cut to size and is ideal for conservatories, caravans, greenhouses, shops and offices as well as homes.

61 x 200cm 2' x 6' 6'' HLL1184

91 x 200cm 3' x 6' 6"

£9.99

£6.99

£11.99

HLL1185 122 x 200cm 4' x 6' 6"

HLL1186

Clean Your Own Windows & Save £££'s



- · Lightweight alloy construction
- · Interchangeable two-sided wiper
- Mop and sponge

45 P

This extending window cleaner will enable you to reach all the windows in your house. The telescopic handle is made up of 6 pieces so that you can adjust the length (max 138"). Comes complete with a two-sided wiper (mop/sponge) and a smaller wiper for small windows.

# Dry Powder Fire Extinguisher Don't be without adequate protection from fire. This 1kg ABC

Don't be without adequate protection from fire. This 1kg ABC dry powder extinguisher is a must for any area where there is a risk of fire. Complete with EC mark gauge and wall mounting bracket, this extinguisher is recommended by the Caravan Council.

ORDER CODE HLL1219 BARGAIN ONLY f 14.99

#### **Light Activated Switch**



Compact waterproof electronic unit ideal for switching on external lights at dusk (for security) and off again when it gets light (to save electricity). Just install in series with any light bulb rated up to 150W maximum. Not suitable for fluorescent or discharge lights.

#### **Pressure Mats**

Flexible pressure mat for use in alarm systems and designed to be concealed under carpets, etc.

Floor mat 720 x 390mm.
ALPMF £5.90

Stair mat 595 x 170mm.

ALPMS

Window Tape Kit





£4.60

Self adhesive aluminium foil tape 9mm wide supplied on a 45m roll to create a circuit across/around windows. To join wires to the tape use self adhesive twin screw terminals. One 45m roll of tape and three double terminals.

#### Window Tape Terminals





Additional double terminals to join wires to the window tape.

#### **Security Cable**

6 core cable suitable for wiring up your alarm system and other low voltage/ low current applications. The six 7/0.2 tinned copper conductors are colour coded within a white PVC sheath. Rated 60V rms, 1A per core. Supplied by the metre or buy a 100m reel for extra savings.

CB5002 £0.40 Per Metre CB5002/100 £22.95 Per 100m Long Life Bulb with Dusk to Dawn Sensor

ORDER CODE HLL1194 BULB ONLY £10.00

ORDER CODE HLL1194/2 BUY 2 ONLY £17.50



Save money and increase security with these low energy bulbs with a built in dusk to dawn sensor. Lighting the porch or driveway at night to welcome visitors, or keeping a light or two on in the evening whilst you're out for the night or away on holiday to give the impression there's someone still at home can be expensive. Guaranteed for a full 12 months, these new 13watt bulbs (equivalent to approximately a 60watt bulb), will switch on when it gets dark and off again automatically in the morning, and use just 20% of the electricity of an ordinary bulb saving £ssss over a year!



This kit contains a UV mini keylight and invisible ink pen. The UV mini keylight emits ultra violet light which makes the invisible inkpen markings glow brightly. Ideal for security marking valuables, secret messages and UV body art.

#### Stop Birds Fouling Your Home With Birdban -Anti-Perching Spikes



An effective non-harmful deterrent for pigeons and similar sized birds, these spikes are suitable for window sills, ledges, pipes and gutters. Made from super strong UV stabilised Polycarbonate and easily installed using exterior quality silicone adhesive or screws. Gutter clips are also available to attach the spikes to gutters, aerials, window boxes, etc. Supplied in 2m packs (6 pieces x 335mm long).

HLL1176 £13.99 Pack HLL1176/2 £24.98 For 2 Packs

#### **Gutter Attaching Clips**

Gutter attaching clips (pack of 12).

HLL1177 £8.99 Pack HLL1177/2 £15.98 For 2 Packs Wireless Door Chime With Belt Clip



ORDER CODE HLL1233 BARGAIN ONLY £12.99

Battery operated and wireless this electronic door chime is simple to install and since the chime unit has a belt clip you can carry it around with you so that you don't miss important visitors. With a range of approx 100metres it can also be used as a short distance pager.

- No wiring required
- · Range approx 100 metres
- · Adjustable High/low volume control
- Belt clip
- 2 selectable chimes
- · LED indicator
- Digital coding to avoid interference from neighbouring bell pushes

Takes 2 AA batteries (not included - order BT0012) and 1 Lithium button cell (included).

#### Protect Your Property With Prikka Strip



HLL1175 £12.99 Pack HLL1175/2 £22.98 For 2 Packs

or nailed to fences, gates, walls, sills or pipes.

Each strip measures 500mm x 45mm and is

packs of 8 lengths.

easily cut to fit the space available. Supplied in



This compact ultra-vibration travel hair brush and massager vibrates 6,000 times a minute and comes with 4 detachable heads. The hair brush attachment gives you a refreshing, invigorating scalp massage. The facial and body attachments give a deep sensual massage relieving tension and stress and increasing blood circulation. Complete with discreet travel case. Runs on 3 x AAA batteries (not supplied) - order Product Code BT0016.



Passive exerciser for the perfect body. Stimulates blood circulation, reduces pain and tension and helps to prevent wrinkles. You can focus on any part of your body and slim down or build up as you want. By placing the pads directly on the problem areas the muscles are gently stimulated. Adjust the strength and frequency to suit yourself and watch your body shape up! Uses 9V battery (not supplied) - order Product Code ET0015.



This marvel of miniaturisation fits comfortably inside the ear to provide a welcome boost to hearing that's not as sharp as it was. Using the integral volume control, you can adjust amplification to the optimum level for every situation, whether you're trying to chat at a noisy party or straining to catch the dialogue from the TV or theatre stage. Discreet and unobtrusive. Complete with 3 size ear pieces and 6 free micro batteries and carry case.



Magic Ear, discrete personal amplifier. The Magic Ear's micro technology is very advanced; it's built-in microphone is extremely sensitive and there's also a volume control to help you adjust to all conditions. In use, Magic Ear is startling effective. It'll help you to follow every word of conversations even at a distance. Comes complete with battery. Bargain at under £20.00.



- · Gives powerful pain relief
- · Small and compact, no trailing wires
- · Self-adhesive pad is invisible under clothes
- 12 LED programs for shoulder, back/neck, aching joints, rheumatic pain
- Switches off automatically

#### Drug Free Pain Relief



TENS (Transcutaneous Electrical Nerve Stimulation) units are widely used in hospitals and clinics throughout the United Kingdom for effective drug free pain relief. This compact unit is now approved for home use. TENS works by stimulating nerves close to the skin releasing endorphins (natures anaesthetics) and helping to block the pain signals sent to the brain. Relief can begin within minutes and a 30 minute treatment can give up to 12 hours relief or more. The TENS mini microprocessors offer six types of automatic programme for shoulder pain, back/neck pain, aching joints, Rheumatic pain,

migranes/headaches, sports injuries, period pain in fact all over body treatment. Will not interfere with existing medication. Not suitable for anyone with a heart pacemaker. Batteries included.



**GREENWELD** 

The Ab Sonic firms your body and flattens your stomach by stimulating the nerves that make your muscles contract. Combine the use of the Ab Sonic Fitness Belt with a healthy lifestyle and diet to achieve a firmer and sexier body in just 14 days (depending on your body measurements and fitness). Elasticated velcro fixing to fit tummy, thighs, upper arms, calves, etc. No awkward wiring means that the lightweight Massage Belt is portable and very discreet, no one will know you are wearing it. Six pre-programmed exercise routines with easy to follow instructions. Battery operated (supplied) and includes free bottle of conductive gel.



Following your doctor's advice on healthy diet and exercise can dramatically reduce high blood pressure. The 64 memory function will monitor your progress as you improve and lower your blood pressure for a healthy long life. Simple, safe and accurate. Automatic large LED blood pressure systolic/diastolic/pulse readout with fuzzy logic. Easy on/off low battery indicator. The best investment you will ever make for your health. Complete with full instructions and 2 year warranty.



£39.99

#### Talking Pedometer



BARGAIN ONLY £12.99

Get fit by walking.

Are you walking enough? Find out with this clever talking pedometer and calorie counter.

Features intelligent counting which ignores false steps and calculates the distance walked, average speed and calories burnt away. This model comes complete with a powerful built-in 85dB panic alarm for personal security. Ideal for joggers, ramblers, golfers and anyone who wants to keep fit. Battery included.



This classic hairdryer with its chrome and black look has a cool shot function, two fan speeds and a three heat settings. Includes a removable filter and interchangeable diffuser.

## Warm & Massage Your Aching Back



This cushion supports the lumber area of your back while the soothing heat and massage relieve your aches and pains. Adjustable intensity of massage action. Handheld controller. Uses AC adaptor or car adaptor (both included).

#### Professional & Convenient Hair Cutting At Home



ORDER CODE HLL1141 CLIPPERS ONLY £9.99

This versatile set contains a powerful mains operated hair clipper with precision ground adjustable blades for efficient cutting and the following accessories:

- 4 different length attachment combs
- Barber's comb & Scissors
- Cleaning brush and clipper oil

#### Monitor Your Body Fat Levels

This clever device monitors the percentage of fat in your body. Simply place your thumbs on the touch pads for a result in seconds. It includes a 10 person memory with a weight range from 20 to 300 lb and ages from 10 to 80 years.

Complete with alarm clock and count-down features. Battery included.

ORDER CODE HLL1129 ANALYSER ONLY £14.99

S



ORDER CODE HLL1130
NEW ITEM!
ONLY
£29.99

#### Get the benefits of Acupuncture stimulation without needles with this

electric acupuncture pen. Clean and painless operation without piercing the skin. The intensity and duration of treatments are adjustable for best results. Full instructions and diagrams included.

## Going Away? - Take This Handy Travel Hairdryer



This handy travel hairdryer works on two voltages and is complete with adapters for both US and European sockets. The dryer folds up neatly into its own travel case complete with a mirror in the lid. With two way heat/speed setting and 1200 Watts power.

## Stop That Snoring!



Do you get complaints about your snoring? Or are you kept awake all night listening to your partner? Well try this sound activated snore stopper which

detects the noise of snoring and sends out electrical impulses which cause the user to change their sleeping position. The intensity of the impulses is adjustable to produce the required effect and the device is simply worn around the wrist. Battery included.

#### Miniature Hair Clipper



ORDER CODE HLL1133 CLIPPERS ONLY £9.99

This high quality miniature hair clipper is specially designed to deal with those irritating but awkwardly placed little hairs in the nose and ears. It is

watertight and can be used in both wet and dry situations. It uses one AA battery (not included - order BT0012 at £1.95 for 4).

Superb Quality Ceramic Hair Straightener At An Unbelievably Low Price



This mains powered hair straightener has ceramic plates for even heat distribution and uses an improved PTC element for improved heating. The nonstick ceramic plates glide smoothly through your hair and the tongs have a rubberised coating for a comfortable grip when styling. If you can't believe that you can get a good quality

hair straightener for this price, try one and you'll be amazed. Don't forget our no quibble 30 day guarantee - if you're not entirely satisfied with this superb value product we'll refund your money.

ONLY

19.99

Don't Forget To Check Or Fill In Your Full Address Details On Your Order Form If Ordering By Post Or Fax

Sonic

Machine

ONLY

f24.99



This discreet unit plugs in to any 240V wall socket to give a photo-sensor LED powered night light and bug killer in one! Attracts and kills flies and mosquitos. Ideal for bedrooms, hallways, kitchens, etc. Size 60 (L) x 55 (W) x 100mm (H).



This electronic brush releases deodorising ions that destroys the bacteria that causes doggy smells, leaving your dog or cat smelling fresh and clean. Instead of bathing which removes your pets natural oils, just brush away unpleasant smells in minutes. Large brush head untangles fur, cleans off debris and neutralises odour. Brush plates snap off for easy hair removal. Runs on 9V battery (order code BT0015).



- · Telescopic height adjustment
- · Folds flat for easy storage

No more hanging clothes on the back of doors. This cleverly designed multi-hanger will save you time and space when drying damp garments, hanging freshly ironed laundry or sorting holiday clothes prior to packing. Ideal for home, guests or camping.

# Destroy Fleas Instantly As You Comb Your Pet!

ORDER CODE HLL1035

14.99

 Safe and efficient for cats and dogs

· Insulated teeth ensure it is safe on your pet's skin

Flea detecting/killing function

· Hand-held size, lightweight and

Eliminate ticks and fleas from your pet with this very latest, completely safe and chemical free electronic comb. A safe and effective way of removing and killing both fleas and ticks from your pet's coat. The built-in electronic teeth provide a harmless voltage that is fatal to fleas and ticks. As the comb passes through your pet's fur, a flashing LED light indicates that fleas are present, killing them instantly on contact. Can also be used on human hair for eliminating nits and head lice. Requires 2 x AA batteries (order BT0012 - £1.95 for 4). Was £15.99

Roll Up & Move Your Jigsaw Puzzle In Minutes



An invaluable problem solver for the puzzle enthusiast. Simply piece your jigsaw together on the Puzzle Roll and both completed and loose pieces cling to the special tabletop acrylic felt mat ensuring that no pieces become lost. When you want to move it, just roll it up! When you unroll it later, you will find that all the pieces have remained in position. Comes with FREE 1000 jigsaw puzzle of Tower Bridge. Size fits up to 2000 piece jigsaw.



Gentle cleaning for metallic, glass or plastic objects

including jewellery, spectacles and dentures. It has two operating speeds, a removable tray and a transparent lid for ease of use. It runs on 4 AA batteries (not included - See page 6 item BT0012).



This attractive paperweight is heavy enough to stop your papers being scattered and its half spherical design magnifies difficult to read



Be safe and secure with this heavy duty electric paper shredder. Shred those monthly bills, personal, files, private letters, business documents and financial statements. Shreds up to 5 sheets of A4 size paper at the same time into unreadable 1/4" strips. Adjustable arm so unit will sit comfortably over any standard size waste paper basket. Mains operated, complete with fitted plug. Speed 8ft per minute. Unit size 33 x



Make Up, Move & Store Your Puzzle In One With PuzzleKaddy

PuzzleKaddy® is a unique jigsaw puzzle holder and compact carrier all in one. Specially

secured in place ready for next time. PuzzleKaddy® is attractive, lightweight and fully portable with it's integral carry handle. Holds up to 1000 piece jigsaws with ease. Size 31" x 22"



This portable cat chaser is a cordless ultrasonic repeller that can be placed anywhere. It's built-in PIR motion detector gives a 30ft radius of protection, near the pond, aviary or anywhere in your garden. Single frequency for protection against cats. Runs on 1 x 9V battery (order code BT0015).

Animal Repeller

This powerful twin speaker mains model produces powerful but harmless blasts of ultrasound which drives cats and dogs from your garden. Gives 24 hour protection over 8000 sq ft



with three frequencies and three volumes to repel dogs, cats, foxes, squirrels, deer, vermin and rabbits.

#### PIR **Motion** Sensor

ORDER CODE HLL1025 BARGAIN ONLY £14.99

Optional PIR motion sensor for above. Saves power by only triggering sound-waves when it detects movements.

#### Keep Moles Out Of Your Garden - Humanely

Moles or burrowing rodents can ruin your garden, but how do you repel moles without having to resort to traps, harsh chemicals or causing them harm? The ingenious answer could be this sonic Molechaser. Just push the water resistant stake into the ground, switch on, and every 15 seconds it will emit a deep vibrating sound (400Hz frequency) that has been found to



remove moles from the vicinity. Safe, waterproof and measures just 38cm long. Uses 4 x D batteries (order code BT0014)

#### **Burn Those Weeds!**

Easy eco-friendly weeding, no chemicals, just a touch of the Weed Wizard applies a high temperature flame which instantly destroys the weeds internal cell structure causing them to wither and die within a day or two. Eliminates the need for toxic or hazardous chemicals. Ideal



walls, rockeries, etc. Can also be used for deicing pavements, frozen pipes, lighting BBQ's, etc. Runs on easy to obtain Butane gas cylinders (not supplied).

#### Go Easy On Your Knees!



This clever soft kneeler is a handyman's boon. Made of robust steel tubing designed around a raised, soft, comfortable kneeling platform of polypropylene foam, it also has arms that are just the right height to assist getting up without back strain. And for those jobs where you need a little height - just turn the Kneeler over for a comfy seat or handy step. Folds flat in seconds for easy storage. Was £45.99 - Save £21.00!

#### Citronella Tea Lights



Illuminate your surroundings and repel insects at the same time with these citronella tea lights. 50 tea lights per pack - Greenweld bargain price of only £3.99.

#### Polyethylene Tarpaulins



These hard-wearing polyethylene tarpaulin/ground sheets are complete with eyelets for ground fastening or as a tie-down cover, and are great value. Available in 5 sizes: (all sizes approx)

HLL1203	3'6" x 5'6"	£1.99
HLL1204	5'6" x 7'6"	£2.99
HLL1205	8' x 11'	£6.49 £9.99
HLL1206	11' x 17'	£9.99
HLL1207	17' x 22'	£19.99

#### Roll-Out An Instant **Pathway**



- Protects lawns from ruts
- · Rolls up for easy storage
- · Easy to clean

Heavy loads, wheelbarrows and footprints can ruin your lawn. The Easy Path simply rolls out forming an instant pathway. The interlocking slats can be combined either lengthways or sideways. Made from heavy duty polypropylene, the Easy Path can be easily cleaned with a garden hose. measures 10ft x 12". Some assembly required with snap together parts.

Watch Birds Feeding - Close Up!





Bird feeder with one way mirror which allows you to watch birds perch and feeding right outside your window without the fear of scaring them off. 4 suction caps allows instant attachment to any window.



This robust aluminium trolley is great for carrying heavy loads but the best thing about it is that folds flat when not in use to fit into a cupboard or the back of the car. Lightweight and ideal for boats and caravans.

- \* Sponge grip handle
- \* Lightweight aluminium frame
- \* Sturdy toe plate
- \* Capacity 60Kg
- \* Wheels and toe plate close simultaneously.



plastic, general purpose folding trolley. When not in use, it folds flat into a handy carrying case, or to store away in your car boot or cupboard. Ideal for shopping or even around the home and garden. Measures 15" wide x 13.5" deep x 13" high when fully open, and the aluminium handle extends to 20".

#### Instant Greenhouse Kit

Building your own greenhouse couldn't be easier! This kit has everything you need to create a 15 sq ft tunnel like those used by commercial growers. Perfect for growing early or late in the season as it shields plants from wind and cold. It provides moisture and protects seedlings from birds, insects and other pests. Weather and mildew resistant. The frame and ground stakes are rust resistant. Easy no tools assembly. Measures approximately 59" (L) x 44" (W) x 19" (D) and weight is approx 2lbs.



#### Flexible Water Carriers

These lightweight roll up water carriers are made of durable, translucent, food safe nontoxic PVC and roll up when empty to minimise the space required. Ideal for walking and camping, there are two models to choose from.



Ten litres capacity, complete with easy to use tap (removeable for filling) and wooden reinforcements at both ends for carrying or hanging. The carrier weighs just 250 grams when empty and measures 300 x 590mm.

**NEW!**!



This pocket size alcohol breath tester gives an indication of the level of alcohol in the bloodstream. This handy gadget also houses a UV light detector to gauge levels of UVb rays from the sun.

#### **Keep Your** Map Dry

Maps or other documents stay dry in this water resistant PVC map case. Made from flexible, smooth grain, clear PVC with welded seams and an easy to use water resistant push



together seal the case measures 280 x 325mm and has a one metre long neck cord to make it easy to carry.



small valuables these economical water resistant pouches are made from flexible, smooth grain PVC. With welded seams and an easy to use water resistant push together seal, each pouch measures 95 x 165mm and has a 600mm wrist or neck cord to make it easy to carry. (phone not included)

#### Switch Sockets On & Off by Remote Control



Switch your lights, TV, or other equipment on and off remotely. No more bending down to



reach the socket hidden behind a chair. Simply press the buttons on the remote control. Each control individually operates three outlets. Just plug into your normal socket and plug the equipment into it. Switches up to 10A (2.3KW) Each pack has its own frequency code so you can safely use multiple packs without interference. Remote uses a 23A battery.

#### Bright LED Head Lamp





This ultra bright lamp is ideal for biking, camping, fishing, hiking, reading, working under the car and much more. Using 4 super bright LED's instead of normal bulbs, you will have enough light for the darkest of areas. Water resistant and with adjustable light angle, this is ideal for you, or as a gift, or simply if you want another great gadget. Includes 3 x AA batteries.

NEW

SHYWATCH

#### 200W Heater/Cooler For The Car



Don't wait for the engine to warm up before you start defrosting the windscreen. This mini heater plugs into the 12V cigar lighter socket and uses ultra efficient PTC ceramic technology to blow out 200W of heat immediately. Ideal for car, caravan or boat. In summer warmth switch over to fan mode to enjoy a blast of refreshing cool air.

#### Never Run Out Of Gas

Ever been caught short with an empty gas cylinder? After all, there's no easy way of telling how much is left and it can so easily run out halfway through a barbecue or much worse on a cold winter's day when you're using your gas heater. Just place the magnetic indicator on the bottom half of the cylinder and once the gas is switched on, the colour of the bar will change below the liquid level telling you how much gas is left. Don't be caught short again!



ORDER CODE HLL1101 **GREAT IDEA** ONLY

#### Caravan/Boat **Aerial With** Amplifier ORDER CODE ST120910 POWER SHOWS **NEW ITEM** ONLY f 29.99

This aerial is specially designed for caravans and boats and the built in amplifier boosts the signal for a clearer picture even when the reception is weak. The antenna includes a high gain amplifier and a dual voltage power supply running off both 230V AC and 12V DC and has a splitter to connect to a second TV set or a radio. Supplied with mounting materials and connection cable but not the pole shown in the picture.

Frequency response VHF Frequency response UHF Gain VHF

Impedance Weight

40MHz - 230MHz 470MHz - 900MHz 20dB 75 Ohms

#### Run 4 In-Car Products From 1 x 12V Socket



This great gadget converts any 12V cigarette lighter socket to 3 x DC outputs (12V/2Amp) and still leaves you with a cigarette lighter socket. Also incorporates LED indicators for battery status check. Great value

ST660799 BARGAIN ONLY 9.99

#### Rubber/Steel Mallet



This good quality mallet is a useful addition to any

campers/caravanners tool set. Weighing in at 16 ounces, it's man enough for just about every

#### Measure the Wind

If you want to know the wind speed these hand held anemometers will give an instant reading and store the maximum speed reached. Small and lightweight these devices are ideal for many outdoor sports such as Sailing, Hiking, Archery, and kite flying as well as many other practical activities. There are two models available.

#### Xpiorer 1



Instant windspeed measurement with 'max' speed reached displayed on the backlit LCD screen.

- Wind speed measured in km/h, mph, m/s, fps and knots
- 2 readings per second
- From 0 to 150 km/h
- Accuracy: +/- 3%
- Dimensions: 41 x 93 x 17mm
- Weight: 50g

#### Xplorer 3





As well as wind speed this model also monitors the temperature and calculates the wind chill factor. It even includes an electronic compass for even more functionality.

- -Wind speed measured in km/h, mph, m/s, fps and knots
- 2 readings per second
- From 0 to 150 km/h Accuracy: +/- 3%
- Temperature displayed in °C and °F
- 2 readings per second
- From -50°C to 100°C Accuracy: +/- 0.3°C
- Compass displays in degrees
- Accuracy: +/- 4 degrees
- Dimensions: 41 x 93 x 17mm Weight: 50g



Universal Ni-Cad/Ni-MH battery charger with memory refresh function. AA and AAA sizes.

- · Car use
- Voltage detection
- Discharge function
- · Fast charge mode
- · Cigar lighter connector
- Auto switches to trickle charge

ST690018 f9.99



HLL1146 BARGAIN ONLY £14.99

Blowing up airbeds, dinghies or other inflatables takes a lot of puff. Save your breath and save time with this dual voltage inflator. 240V or 12V input. Mains adaptor and cigar lighter plug included.

Lightweight and portable. High air volume at low pressure - inflate or deflate. Not for continuous operation. Including 5 adaptors to fit different products.

#### **Double Action Air Pump**



Inflate even faster with this double action, high capacity hand operated stirrup pump. With a massive 2 x 2 litre capacity you'll get double the efficiency and halve the time. Complete with adaptors for airbeds/footballs, etc.



for a cooling breeze. Lead length of 6ft (1.8m)

allows easy positioning. Can also be used as a

handy desk fan - needs 12V supply for indoor use

**Gaffer Tape** Good quality Gaffer tape on 50M rolls. Tape Width 50mm.



ST0001 Black £3.99 ST0001/5 5 Rolls Black £15.99 ST0002 Silver £3.99 ST0002/5 5 Rolls Silver £15.99 ST0002W White £3.99 ST0002W/5 5 Rolls White £15.99

One of each colour above - save over £1.00.

(ST00123 Mix Pack Of 3 £10.70

#### Seal - Protect - Insulate -Repair With Rubawrap





Rubawrap self amalgamating tape is one of those toolbox essentials with multiple uses. The tape bonds to itself to form a seamless synthetic rubber layer, waterproof and insulating and is ideal for repairs to water pipes, radiator hoses, electrical connections, etc. The tape conforms to irregular surfaces and leaves no sticky residue. 19mm wide tape x 10m long.

£3.99 CDT0319

# Slipagrip: Anti Slip Material



This amazing anti-slip material has thousands of uses all round the home, office, car, caravan, boat or workshop. Non adhesive but anti slip, you can use this material on trays, work surfaces or desks, as table mats or on the draining board. It is washable and durable and easily cut to size. Colours may vary.

Slipagrip Economy In rolls 30cm wide by 1.5m long. £3.99 HII 1151 Slipagrip Excel

Thicker material in larger, extra value rolls 50cm wide by 1.65m long

HLL1152 £7.99

#### Telephone Flasher Ringer



This useful flasher/ringer can be plugged into any telephone socket to indicate incoming calls. Fits straight into the box with a socket on the front for your phone plug. Ideal for the home or noisy workshops.

- Can be fitted between the phone and the wall box
- · Can be plugged into an extension socket in another room
- · Use an adaptor/extension lead to position it where you want

#### **Keep Loads Secure**



ORDER CODE This handy ratchet strap is HLL1153 ideal for securing luggage to your roof rack, boats to a trailer and loose items inside vans. Complete with quick automatic release and

two vinyl coated 'S' hooks. 550lbs/250kgs breaking strength. 15ft strap length.

#### Clip-On Magnifying Glasses



Turn your spectacles into powerful magnifiers when you clip on these 3x magnifying lenses. Perfect for enlarging the print of telephone directories, train timetables, computer printouts and all small printed matter. Ideal for reading and writing at home and at work. Simply clip on to the frame of your glasses - flip down when needed up when not. Fits all specs.

(order code ST660430 - £6.99)

**GREENWELD** innovative tools

#### **Expanding Spirit Levels**

More clever ideas from Boa, these unique, and multi award winning expandable rules come in two sizes.

#### Stratum Level 12"-20"



can expand up to 20" for extra versatility and accuracy. With three vials (one at 45 degrees) and supplied with Zero Tolerance Wall Markers that slide onto the level for pin point accuracy when hanging pictures, mirrors or cabinets.

#### Stratum Level 24"-40"

This innovative & robust spirit level with sliding covers and lightweight aluminium frame can expand from 24" up to 40" for extra versatility and accuracy. The covers slide over the three vials (one horizontal, two vertical) to protect them in transit. The level is easy to use with ruled markings along its inside edge and will accept the optional Zero Tolerance Wall Markers (see TL9818 below).

Order Code: TL9817 £24.99

#### Wall Markers For The Stratum 24"-40"



Wall markers that fit the Boa Stratum 24-40 expandable level for pin point accuracy when hanging pictures, mirrors or cabinets. Set them at exactly the right distance apart and when they are level simply dot through the hole in each marker with a pencil and you are ready to drill.

#### **Grabit Screw & Bolt** Remover

TL9815

Use the Grabit to remove damaged or broken screws or bolts from metal, wood or plastic. Made from quality, hardened stee. it fits all standard variable speed drills. Supplied as a set of two different sized Grabits in a handy storage box to deal with screws from 6 to 14. Keep a Grabit in your toolbox and it could save you a lot of time, effort and swearing!

**Boa Versa Saw** ORDER CODE TL9814 SA SAW ONLY

If you try and use a hacksaw blade by only holding one end it is liable to bend or break. This frameless hacksaw will let you get the blade into narrow gaps but it has a reciprocating holder that supports the blade where it is cutting to avoid that problem of bent or broken blades. Takes standard blades. A brilliant idea well executed.



This great little gadget is ideal for students and DIY enthusiasts. Use it to find, check and mark out angles around the home or workshop. This excellent product earned a gold medal in the 'International Awards For New Inventions' at Geneva.



This excellent soldering set contains:

- 30W mains powered soldering iron
- · Soldering iron stand with sponge
- Desoldering pump
- Tube of solder

Amazing price only £4.99!

#### Handy Crocodile Lead Set



10 crocodile leads (370mm long) in 5 colours, red, black, blue, yellow and white (2 of each) connected to soft plastic insulating clips. Dozens of uses.

CDT0010 £2.50 CDT0010/10 10 Sets For £20.00

#### Illuminated Magnifier

ORDER CODE ST700015

**ONLY** 

46.00

A superb magnifying light for home, academic or commercial use. This light with a 5" diameter,

scratch resistant magnifying glass on a cantilevered stand comes complete with a 22W fluorescent tube, a strong table clamp and cable fitted with a UK plug. The lens has a focal length of 33cm (3 x dioptres). Hands free operation and shadowless illumination from the circular tube make the ideal light for many applications. So whether you are trying to paint 00 gauge engines, sewing delicate

for dry solder joints this is the light for you. Spare circular fluorescent tube to fit the above magnifier.

embroidery, examining specimens or checking

ST700016

£3.99



Headband magnifier with adjustable strap and complete with 2 flip down lenses giving 2.2 and 3.3x magnification. The side lights use 4 x AAA batteries (not supplied - order code BT0016).

## Hot Wire Polystyrene



Cutting expanded polystyrene can be messy and it can be difficult to achieve a clean finish but with this Hot Wire cutter you can cut intricate shapes easily for modelling, displays or DIY projects. The safe, battery operated cutter will cut up to 5cm thick sheets and a capacity of 20cm. (Battery not included - see below).

4.5V zinc carbon battery for the Hot Wire Cutter.

CDT21064

1 metre length of spare wire for the Hot Wire

Cutter.

CDT74361

Call: 01277 811042 - Fax: 01277 812419 - Email: service@greenweld.co.uk



outlet and attaches in minutes to your cold water inlet. Produces an electronic polarising signal that "ionises" the hard water ions, preventing them adhering to the inside of your pipe-work, clearing old limescale and preventing new limescale from forming. The healthy mineral salts remain in solution so there is no taste lost. Costs less than £3 per year to run - pays for itself over and over.

#### Multi **Position** Vice With 3" Rubber **Jaws** TL9737 BARGAIN **ONLY** 19.95 This Aluminium vice has removeable rubber jaw covers to grip delicate materials firmly and a ball and socket head

for precise positioning of the work. The strong clamp which fits surfaces up to 2 inches thick has a rubber pad so that you can fix the vice securely without marking the table top. The vice jaws open to 2 inches.

## ORDER MORE TOOLS at www.greenweld.co.uk

#### **Grip Almost Anything With These Super New** Boa Constrictor Strap Wrenches

These multi purpose strap wrenches will grip almost any shape or type of material firmly but without scratching. Simply place the reinforced flexible strap around the object, feed through the groove in the handle, tighten and twist. Their versatility make these tools invaluable in the kitchen as well as the workshop or garage. You will be able to unscrew stubborn lids and bottle tops, chrome taps, plastic plumbing fittings, oil filters and much more. The handles on these tools are designed for optimum performance and are made in impact resistant, non conductive polypropylene, which is resistant to oil, water and solvents and the straps have been tested to 2000lbs breaking force.



together with a CanPull tool to

help open the increasingly

popular ring pull cans.

Captain Tolley\*s Creeping Crack Cure



- It finds leaks
- It seals cracks
- It's Captain Tolley's Creeping Crack Cure Fix leaks and cracks in your home, car, boat caravan or mobile home,

with no dismantling or backbreaking work. This liquid sealant uses capillary action to penetrate cracks and seal leaks. Simply apply Creeping Crack Cure to broken tiles, brickwork, rubber seals... just about anywhere you can find a leak. It goes inside to fix leaks with a clear, flexible and permanent seal. Use it on wood, plastic, rubber, ceramics, even on cement. And because it's water based, it stands up to moisture. You'll wonder how you ever did without it!

In your home seals leaks in:

- · Window putty
- Kitchen worktops
- Sinks and taps
- · Flat roofs
- Vases and ceramics
- Aquariums and much more! In your car, caravan or motorhome, seals:
- Leaks around windows
- Metal & rubber trim
- · Rivets, gullies and skylights On your boat, seals:
- · Leaking windows and portlights
- Decks

**ONLY** 

7.49

- · Coach roofs
- · Gaps around deck fittings
- · Cracked planks and much more!

objects from only 10mm diameter up to

100mm (half an inch up to 4").

#### **Cut Large Holes With Ease!**



Need to cut a large diameter hole? Fed up with drilling lots of small holes and sawing between them? Then you need this fantastic value set of heavy-duty hole cutters - NEW IN!

- · A complete set for DIY
- · Set includes 5 Carbon Holesaws, 1 Arbour, Allen Key and Bracket
- · Sizes (mm): 64, 76, 89, 102, 127
- · Holesaws are suitable for wood, thin alloys and thin metal sheet
- · Complete with Storage Case



- · Drill holes or attach fasteners and screws in hard-to-reach areas
- · Fits standard drills from all manufacturers
- · Includes a useful 2-position side handle Great gadget - you'll wonder how you ever did without one!

#### 25cm Rotating Turntable



New in - this excellent rotating turntable is ideal for computer monitors, modelling and crafts, board games and much more.

- Robust plastic construction
- · Use in home or office
- Takes up to 100 kg / 200 lbs
- 250 mm / 10" diameter
- 2-way turning through 360°

#### Micro Gas Blow Torch



£8.99

Turbo flame micro gas CDT0237 blow torch. At under 75mm long this super little metal butane torch offers big torch power in the size of a cigarette lighter. Windproof,

reliable Piezo ignition, refillable and adjustable. Ideal addition to your toolbox.

#### 1/4" Shaft Drive Drill Pump



A compact, lightweight pump capable of pumping 500 litres per hour when used in conjunction with a drill set at 2000 RPM. The pump is ideal for emptying flooded rooms, ponds, fish tanks, etc. Manufactured to be used with 1/2" piping.

#### 2 In 1 Saw Drill



Does more than drills holes, it also cuts, reams and saws difficult odd shaped apertures in most materials. Coated with ultra-hard titanium nitride it cuts faster and cooler. Suitable for woods, plastics and metals. Fits any 6.3mm or larger drill chuck. Was £6.95

#### 7 Piece Hollow Punch Set



These hollow punches are the fast, easy way to make accurate holes in light gauge sheet material such as leather, vinyl, rubber etc.

- Precision Ground flutes and cutting edges
- \* Easy to grip knurled shanks
- \* complete with storage pouch
- \* sizes 3, 4, 5, 6, 8,10 and 12mm diameter

# Digital Ultrasonic Distance Measurer



A compact, hand held, ultrasonic measuring device with conversion functions. Ideal for estate agents, decorators and DIY.

- Fast and accurate measurements up to 12m
- Computation of area and volume
- Imperial and metric conversion
- LCD readout
- Memory recall of stored readings
- Rugged ABS housing

#### **Electronic Digital Caliper** In Plastic Storage Case



Measuring range 0-150mm and 0-6 inches with an accuracy of ±0.001". Measurement readings can be switched from metric to imperial (and viceversa) at the touch of a button.



Say goodbye to old-fashioned retractable knives, which need screwdrivers to get at the spare blades. This excellent quality new knife features retractable blades that load automatically (see below). The knife comes complete with 8 blades already loaded in the handy cassette. Every toolbox should have one.

- · Press the button and the blade will release pull out gently
- · Pull the button to the back end
- · Push the button forward and a new blade will be automatically loaded
- · Blade storage compartment holds up to 8 blades

#### Cable Ties

Strong plastic cable ties, non-releasable, supplied in bags of 100 pieces.

ST782015	100 x 3mm	£0.50
ST782018	150 x 3mm	£0.90
ST782021	220 x 4mm	£1.50
ST782024	250 x 4mm	£2.90

Pack of each length above - 400 cable ties in total - save over 10%.

ST782TIES

£4.99



#### **Bulk Pack** Cable Tie **Assortment**

An assortment of 1000 cable ties in various lengths. Ideal for the hobbyist.

ST782036 £9.99

#### **Mounting Base** For Cable Ties



Mounting base with adhesive pad for attaching cable ties. 15 x 15mm. Supplied in bags of 100

ST782030 £3.99)

#### 21 Piece Hobby Tool Kit



No hobbyist should be without this compact 21 piece tool kit in plastic, folding wallet. Contains a selection of tools including a precision screwdriver set, selection of pliers and Allen keys.

#### **Electrical Insulation Tape**



British Standard (BS3924, BS3887) approved insulation tapes in a range of colours. Suitable for electrical insulation with flame retardant qualities. Width 19mm on 20m rolls.

ST710305	Black	£1.15
ST710305/10	10 Rolls Black	£8.90
ST710307	Blue	£1.15
ST710307/10	10 Rolls Blue	£8.90
ST710308	Red	£1.15
ST710308/10	10 Rolls Red	£8.90
ST710309	Green/Yellow	£1.15
ST710309/10	10 Rolls Grn/Yel	£8.90
ST710310	Brown	£1.15
ST710310/10	10 Rolls Brown	£8.90
ST710311	Yellow	£1.15
ST710311/10	10 Rolls Yellow	£8.90

Pack of six colours - one of each of the above

ST710MIX Mix Pack £5.99)

#### **Electronics Tool Kit**



· Long nose plier, 4.5"

• Diagonal Cutting Plier, 4.5"

- Soldering Iron including spare tip · Desoldering pump including spare tip
- · Analogue Multimeter
- Screw Drivers, 5 x 100mm and 5 x 100mm
- · Holder · Soldering wire



#### Cable Clips

Tough cable clips in both round and flat profiles for easy routing of cables. Supplied in bags of 100

ST782051	Round, 5mm	£1.00
ST782052	Round, 7mm	£1.00
ST782053	Flat, 2 x 4mm	£1.00
ST782054	Flat, 3 x 6mm	£1.00

One pack of each type above - 400 clips in all.

ST782MIX

Bulk pack of cable clips. 1200 assorted cable clips supplied in a storage box.

ST782080

#### Terminal **Blocks**



Terminal blocks (12 way strips) in see-through polyethylene insulation. Heat resistant up to 80 degrees. Brass contacts and screw clamp fixing in chrome-plated steel.

Cable diameter 3-4mm<sup>2</sup>. Maximum current 3A. Strip length 9cm.

ST786401 £0.25 ST786401/10 Pack Of 10 £1.95

Cable diameter 3.2-6mm<sup>2</sup>. Maximum current 5A. Strip length 10.5cm.

ST786402 £0.30 ST786402/10 Pack Of 10 £2.45

Cable diameter 4.2-10mm<sup>2</sup>. Maximum current 10A. Strip length 13cm.

ST786403 £0.40 ST786403/10 Pack Of 10 £3.45

Cable diameter 4.8-12mm<sup>2</sup>. Maximum current 15A. Strip length 13.5cm.

ST786404 £0.50 ST786404/10 Pack Of 10 £4.45

Cable diameter 5.8-16mm<sup>2</sup>. Maximum current 30A. Strip length 16.5cm.

ST786405 ST786405/10 Pack Of 10 £5.90

#### **Professional Multitester** with PC connection for easy data-logging



Digital multitester complete with software and RS232 link to your computer for data

- AC & DC current measuring up to 20A
- Frequency counter up to 400MHz
- Display with bar graph and back light
- Capacitance measurement
- Durable ABS housing - Auto-range or manual

Functions: DCV: 400mV - 1000V

ACV: 4V - 750V DCA: 400uA - 20A ACA: 400uA - 20A

Resistance: 400 Ohms - 40MOhms Capacitance: 4nf - 40mF Frequency: 4kHz - 400MHz

Temperature °C: -40 - 1000°C Temperature °F: -40 - 1832°F Diode test True RMS

Data hold Low batt display Battery: 9V PP3

Continuity test Analogue bar graph Max/Min Auto power-off Weight: 576g

ST600109

BARGAIN

**ONLY** 

£96.00

LCD size: 60.8 x 34.4mm Dimensions: 105 x 200 x 50mm

9-18V DC Switch Mode



Compact, light and energy efficient switch mode power supply with regulated output voltage range from 9-18V DC. Features short circuit protection, automatic thermal cut off, automatic overload cut off and small ripple current. Output current 800mA (9/12V), 1200mA (15/18V). Complete with 7 different adaptor plugs for various appliances. Accepts input voltage from 100-240V AC 50/60Hz. 3 interchangeable plugs for UK, USA and European (Shuko) operation.



A compact pocket sized, 3.5 digit multitester with 19 ranges and six functions. Selectable by rotary control, which includes diode test and hFE test.

AC Volts DC Current Resistance

200mV - 1000V (±0.5%) 200V - 700V (±1.2%) 200µA - 10A (±1.0%) 200R - 2MR (±0.8%)

ORDER CODE ST60038

BARGAIN

#### Digital Mültimeter With **Temperature** Probe

A compact, pocket sized DMM for the measurement of AC/DC voltage, DC current, resistance, diode and transistor test, audible continuity, test signal output and temperature (°C).

AC Voltage DC Current Resistance Temperature Range Max Display Battery Dimensions Weight

200mV - 1000V (±0.5%) 200V - 750V (±1.2%) 2000µA - 10A (±10%) 200 Ohms - 2M Ohms (±(0.8%) -20°C - 1370°C 9V, PP3 74 x 129 x 28mm 100g

#### **Digital** Multimeter

Pocket sized multimeter with 19 ranges, a Test Signal output, diode and transistor test and audible continuity.

Supplied with test leads

DC Volt AC Volt

Max Display



200mV - 1000V (±0.5%) 100V - 750V (±1.2%) 2000μA - 10A (±10%) 200 ohms - 2M ohms (±8%)

**Digital Clamp** Meter

Features data hold and continuity test with buzzer. Supplied in a leather carry case.

DC Volts AC Volts AC Current

Resistance Maximum Display

1V - 1000V (+/-0.5%) 1V - 750V (+/-0.6%) 0.1A - 1000A (+/-2% 200R - 2000MR (+/-2%) 1999

RDER CODE

BARGAIN ONLY

19 99

#### Analogue Multitester

BARGAIN f9.99

Good quality analogue multitester with 18

ranges and 5 functions including continuity and battery test. Large, easy to read mirrored scale and LED for continuity test. Inc test leads.

DC Volts AC Volts DC Current Resistance

250mV - 100V 10V - 100V 0.25mA - 500mA 500R - 5MR 0.8 - 1.6V

#### Digital Multimeter In Own Case Q2434 BARGAIN ONLY 12.99

A digital multimeter with hinged lid which protects the controls and display. Features built in test probe leads, 3½ digit LCD display, internal protection fuse as well as transistor, continuity and diode checking capability. Auto power-off when lid closed.

Built-in 60Hz signal injector.

- DC Voltage: 2000mV to 450V +/-(0.8%+1)
- Resistance: 2000ohm to 2000Kohm +/-(1%+3)
- AC Voltage: 200V to 450V +/-(1.5%+10)
- DC Current: 200mA +/-(2%+2)
- Square Wave O/P: 60Hz @ 4V p-p
- · Audible continuity checker
- · Diode and Transistor hFE tester Dimensions: 139 x 75 x 26mm

### Regulated 3-12V, 300mA PSU



Power up all your battery operated gadgets with this useful dual polarity mains power adaptor. Regulated universal power supply. 300mA. Selector switch for 7 different output voltages between 3V and 12V. Fitted with an on/off LED indicator and 7 adaptor plugs. Switchable polarity by reversing the plug.

#### 300mA, 3-12V Unregulated

Another plug in power supply as above but unregulated.

ST0006



Switchable DC/DC converter 2A. A converter offering a 12-24V switchable input voltage with a selector switch for 7 different output voltages from 1.5V to 12V/2000mA. Supplied with a coiled lead and 6 adaptor plugs. Thermal, short circuit and overload protection.

## ARGAIN ONLY £6.99

#### 12V DC Power Supply 800mA

This handy plug-in power supply simply plugs into the mains to give you 12DC @ 800mA via a built in cigar lighter socket. You can now use your 12V car equipment (mobile phone chargers, mini vacuums, etc) in the house. Also ideal for testing equipment in the workshop without worrying about running your battery down. NOTE - This PSU gives a maximum of 800mA. Don't forget to check the power requirements of your equipment.

#### 12V Powei Supply ORDER CODE Q0386 BARGAI **ONLY** 2.50

UK plug-in power supply. 13.5V DC @ 700mA. With 2 metre of cable and DC power plug.

#### 1.5A Bench Power Supply



ORDER CODE ST0005 ONLY £17.99

1.5A bench type, regulated universal power supply with selector switch for 6 different output voltages between 3V and 12V. Fitted with an on/off LED indicator and red and black terminal posts. On/Off switch on the rear. Fully protected for thermal, short circuit and overload plus a current limiter.



## Incredible 3.5 Million **Candlepower Torch**



Possibly the world's most powerful handheld spotlight. 3.5 million candlepower!

· Ideal security torch

Universal **Battery** 

ORDER CODE

ST690393

4.99

Handy battery tester

with an easy-to-read

measures the batteries

display. The tester

under load thus

Tester

- · Used by the M.O.D & Police
- · Fully cordless and rechargeable
- Phillips quartz halogen 3.5 million candlepower
- Fully adjustable swivel stands

This must be the world's most powerful hand held torch. Ideal for outdoor activities including camping, fishing, hunting, roadside repairs etc. Dual recharge complete with 12V DC car plug adaptor/charger and mains charger. Was £39.99.

#### Rechargeable Multi-Function Lamp

This is a truly great torch and especially at this truly bargain price! Just look at all its features:

- · 2 Bright fluorescent tubes
- Flashing red and amber lights
- Spotlight
- · AC/DC adaptor

· Rechargeable battery

This tough, ABS lamp is ideal for camping and caravanning, around the home or workshop and as an emergency light in the car. The sealed lead acid battery gives plenty of power and is charged from the mains using the mains charger supplied (fitted with UK plug).



## Rechargeable Battery Packs For R/C Models



7.2V, 1600mAh rechargeable Ni-Cad battery pack. CDT0077

9.6V, 600mAh rechargeable Ni-Cad battery pack. Suitable for ready made cars such as Nikko. CDT0078

7.2V, 2000mAh capacity Ni-Cad battery pack suitable for fast charging. Fitted with standard connector. Top quality and excellent value.

7.2V, 3000mAh Ni-MH rechargeable battery pack. Extra capacity and Nickel Metal Hydride.

CDT0254



#### SPECIAL OFFER -HOW'S THIS FOR A POWER PACKED DEAL?

12 V Car Alarm/Remote Control

Batteries. VR22/MN21/23A. Pack of 1.

Buy 3 Packs Of AA Alkaline Batteries **Above For Just** £3.99 & Save £1.86 Order Code BT0012/3

#### **Button Cells**



BT0016

BT0011







£2.30

£0.99

A range of popular, long life, alkaline manganese button cells. Nominal voltage 1.5V. Used extensively in calculators, cameras, clocks, etc.

Code	Type	Size	Price
		(Dia x H)	
BT0031	L621	6.8 x 2.1mm	£0.99
BT0032	L726	7.9 x 2.6mm	£0.99
BT0033	L736	7.9 x 3.6mm	£0.99
BT0034	L754	7.9 x 5.4mm	£0.99
BT0035	L1131	11.6 x 3.1mm	£0.99
BT0036	L1142	11.6 x 4.2mm	£0.99
BT0037	L1154	11.6 x 5.4mm	£0.99

#### **EQUIVALENTS**

LR60 L621 L726 196, LR59 L736 L754 192. I R41

193, LR48 189, RW89, LR1130, V10GA 186, RW84, LR43, V12GA A76, RW82, LR44, V13GA 11142

#### **Lithium Button Cells**



BT0004	Type CR1220	£0.99
BT0005	Type CR2016	£0.99
BT0006	Type CR2025	£0.99
BT0007	Type CR2032	£0.99
BT0030	Type CR2430	£0.99



CDT0100

Camping Lantern

#### Ideal For:

- CAMPING
- BARBECUES
- SUMMER **EVENINGS**
- BOATING
- **NIGHT FISHING**

ABS plastic construction camping lantern. Krypton bulb, 4.8V, 0.75A. Requires 4 x 'D' type batteries (not supplied).

#### High Quality Rechargeable **Batteries From**





'D' size, 1.2V, 1700mAh. Pack of 2.

'PP3' size, 8.4V, 120mAh, Pack of 1

UN0004

UN0005



#### **Ni-MH Batteries**



Rechargeables without the memory effect.

'AAA' size, 1.2V, 600mAh. Pack of 4. UN0011 £6.99

'AA' size, 1.2V, 1300mAh, Pack of 4 UN0012 £6.69

'C' size, 1.2V, 2300mAh. Pack of 2. UN0013

"D' size, 1.2V, 2300mAh. Pack of 2. UN0014

'PP3' size, 8.4V, 160mAh. Pack of 1.

£6.99 UN0015

#### Plug in Charger with 4 **Batteries**

ORDER CODE UN0016 ONLY £13.99



Charges Ni-MH and Ni-Cad batteries. Will charge 'AAA', 'AA' and 'PP3' type batteries. Automatic cutoff. Complete with 4 1300mAh 'AA' Ni-MH batteries

#### Universal Charger

£6.99

£6.99

UNRC101691

**ONLY** 

£27.99

This universal charger is ideal for charging both Ni-Cad and Ni-MH batteries in all the standard sizes. You can fast charge up to 4 AAA/AA/C/D cells at one time or 2 PP3 batteries. Includes auto switch off function.



## **Digital Power Focus**

£4.99

£4.99

The latest digital equipment gets through ordinary batteries at an unbelievable rate. So Uniross have developed this range of high power batteries and chargers to give you maximum battery life and rapid recharging.

#### **Higher Capacity Batteries**



AAA 1.2v 750mAh pack of 4. UNRB102267

£8.99

AA 1.2v 2000mAh pack of 4. UNRB101644 £8.99

AA 1.2v 2300mAh pack of 4.

UNRB102746 £12.99

#### New Fast Charger With 2000mAh **Batteries**

ORDER CODE UNRC101678



This unit will charge Ni-MH and Ni-Cad batteries. Takes AA, AAA and PP3 sizes and comes complete with 4 AA high capacity 2000mAh batteries.

#### Ultra Fast Charger 240V or 12V Recharge in the Car

- Takes AA or AAA
- Mains or 12V input
- Intelligent charge control
- Car adaptor included
- Supplied with 4 200mAh Ni-MH AA batteries

#### **Globe Trotter Compact Travel Charger**



- Worlds smallest & lightest charger
- Takes 1-4 AA or AAA
- Adaptors for UK, Europe Asia and America
- Ni-MH or Ni-Cad
- Worldwide usability
- Supplied with 2 2100mAh NI-MH AA batteries

#### **SPRINT 1 Hour Turbo Charger**





- Full Charge 1 hour
- Intelligent charge control
- Independent cell charging
- World wide usability
- Supplied with 4 x 2300mAh Ni-MH AA Batteries

#### Universal Adaptor

Fed up with power hungry devices gobbling up batteries like there's no tomorrow? Save yourself a fortune with this great new high power, 2500mA adaptor. Plug in to any available 240V mains and it's ready to use. Ideal for:

- Digital Cameras
- Mobile Scanners
- IT Equipment

Comes complete with 6 connector types. Output Voltages 3, 4.5, 5, 6, 6.5 and 7V.

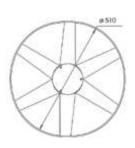


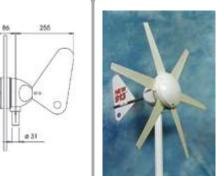
halvered energier

Greenweld are pleased to offer the well known Rutland windchargers from Marlec Engineering. Rutland Windchargers are simple, reliable and efficient wind driven battery charging generators which have proved themselves in many diverse applications such as ocean going yachts, remote telecommunication sites, static caravans, isolated homes, navigational buoys, clinics in Africa and many more.

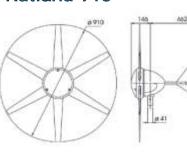


#### **Rutland 503**



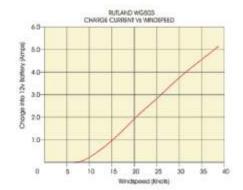


#### **Rutland 913**



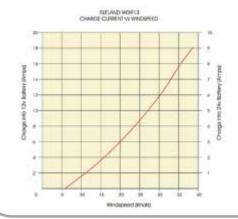
A mini windcharger designed for marine use, the Rutland 503 is ideal for trickle charging battery banks of up to 100Ah.

- "Safety turbine" is a single injection moulding of 6 aerofoil blades protected by an outer ring.
- Trickle charges in windspeeds as low as 5 Knots
- Produces 25w in 19 Knots
- Produces up to 60w, nominally 5A @ 12V in 50 Knots
- Stainless steel fasteners and marine grade materials
- Turbine diameter of 500mm
- Compact turning radius of just 225mm, great for when space is at a premium
- Latest design improvements the Rutland 503 is more reliable and efficient than ever!
- No radiated interference complies fully with BS EN5008-1 1992
- 12V output



ORDER CODE MER503 BARGAIN ONLY F 249 00 The Rutland 913 is designed for marine use on board coastal and ocean going yachts usually over 10m in length. This unit will generate enough power to serve both domestic and engine batteries on board. The Rutland 913 is a popular sight in marinas, thousands are in use worldwide, boat owners like it's clean, aerodynamic lines and its quiet and continuous operation.

- Low wind speed start up of just 5 knots
- Generates 90w @ 19 knots, 24w @ 10 knots
- Delivers up to 250w
- One way only fit fine profile efficient aerofoil blades
- Three phase Rutland "unique" generator design
- Automatic thermostat protection in prolonged gales
- Modern, durable materials for reliability on the high seas
- No radiated interference complies with EEC directive 89/336/EEC
- 12V and 24V versions available





ORDER CODE MER913/24V BARGAIN ONLY £439.00

#### Voltage Regulators and Controllers:

- Fit between the windcharger or solar panels and battery bank to prevent battery overcharge.
- All models are diode protected to allow charging from other sources to the same battery bank.



#### HRS503 Regulator

- Use with the Rutland 503 windcharger and up to 100W of solar power.
- LED indicators show battery and charging status. MECA11/45 £38.00

#### HRS913 Regulator

- Use with the Rutland 913 windcharger and up to 100W of solar power.
- LED indicators show battery and charging status.
   HRS913 Regulator for 12V system
   MECA11/40
   £59.00

HRS913 Regulator for 24V system MECA11/41

£59.00 **Mari** 

see www.greenweld.co.uk for details of other accessories



#### **HRDX** Controller

- Use with the Rutland 503 or 913.
- This unit incorporates the voltage regulator.
- With selectable LCD display to show battery and charging status.
- Charge splitter for 2 battery banks.
- Accepts solar panel inputs up to 100W. HRDX Controller for 12V system MECA11/42 £140.00

HRDX Controller for 24V system MECA11/43 £140.00

#### Marine Mounting Kits

Mounting kits in polished stainless steel with 2 pole sections (1m for 503, 1.2m for 913), tube joiner, deck fixing brackets and stainless steel fasteners.

MECA12/01 503 Marine mounting kit £79.95

MECA12/02 913 Marine mounting kit £99.95

Call: 01277 811042 • Fax: 01277 812419 • Email: service@greenweld.co.uk

#### Make Use Of The Sun's Energy & Start Saving Money & The Environment

Solar panels employ cutting-edge technology for you to capture the Sun's energy and convert it into an electrical current to charge 12V batteries. Harness solar energy to charge various batteries or create independent solar systems to power many home and garden appliances.



Just think of the many ways you could use the electricity generated by solar power! You can bring power to a shed, workshop or summer house for lighting, tools or an alarm system... power to electrical gates and fences - without running cables across your garden or through your home... you could ventilate your greenhouse with an electrical fan... you can trickle-charge your car, motorhome or boat battery to extend it's life; as for caravanning, with a solar panel to power your TV, radio or computer, you are not tied to a 240V hook-up on a busy camp site you really can get away from it all!

#### Solar Panels - Which One Is Right For You?

Greenweld have selected solar panels from Solar Technology International which are designed to withstand harsh environments and have CE quality approvals and a ten year guarantee so you can be confident of their performance year after year. All the solar panels (except the largest 80W version) come complete with a showerproof carry bag for transport and storage and a cable connection kit (low

profile cable, in-line connector, in-line fuse, crocodile clips, terminals and instructions).



#### 10W Solar Panel

Weekend use, replacing energy used to power lighting or water pump. This panel does not require a voltage regulator if used with a battery larger than 85Ah. Size 522 x 243 x 25mm.

STP010 £109.00 STP018

#### 18W Solar Panel

Long weekend use where a water pump, lighting and limited TV or radio will be used. This panel must be used with a 8A voltage regulator (code STS01208). Size 638 x 278 x 25mm

#### 28W Solar Panel

For any extended tour where higher demands will be placed on the panel. This panel must be used with a 8A voltage regulator (code STS01208). Size 670 x 450 x 25mm.

£159.00 STP028 £209.00

#### 43W Solar Panel

A serious solar panel only for those with a sustained high power requirement. This panel must be used with a 8A voltage regulator (code STS01208). Size 996 x 446 x 35mm. STP043

#### 80W Solar Panel

For permanent fitting where continued occupancy is expected. This panel must be used with a 8A voltage regulator (code STS01208). Size 1196 x 534 x 35mm. Solar panel only

#### Solar Accessories

SEE 8A VOLTAGE REGULATOR BELOW

Solar panels can be mounted in various temporary, semi permanent or permanent ways. Ask us for details of mounting kits and accessories.

All solar panels, except the 10W kit, require a voltage regulator to ensure that the battery is not overcharged. The excess charge is either dissipated or can be used to charge a reserve battery. All 12V DC batteries can be used to store power generated from a solar panel, including lead acid, gel and carbon fibre battery types.



A wide range of inverters available to give you mains power from 12V DC. See page 22 for full details of great inverter offers.

#### **8A Voltage Regulator**





Most solar panels require a voltage regulator to ensure the battery is not overcharged. The solar voltage regulator protects the system in the following ways:

- · Battery reverse feed protection
- · Overload protection
- · Battery open circuit protection
- · Solar panel reverse polarity protection
- Lightning surge protection
- · Deep discharge protection



Choice of 2 energy efficient 12V fluorescent lights. Integral on/off switch, in-line fuse supplied. Just connect to a 12V battery!

12", 8W 21", 13W STFL1208 £34.99 STFL2113 £39.99

#### Fluorescent Light Spare Tubes

STFL1208A 8W Tube f2.99 STFL2113A £3.99 13W Tube

#### Extension Cable Pack



Flat profile twin cable pack

STCBL15M 15m Length £13.99 STCBL30M £17.99

#### Deep Discharge **Batteries**



These sealed, maintenance free 12V batteries use a thixotropic gel electrolyte and are designed for repeated deep discharge and recharge, which makes these ideal for use in caravans, motorhomes, etc., and perfect for solar panel use. They are also just the thing for use with wheelchairs, golf carts, robots, etc. FAA and IATA approved as non-hazardous and can be used in any orientation.

12V, 18Ah. Size 181 x 76 x 167mm. Weight 5.9Kg

BT0057

BT0060

12V, 26Ah. Size 166 x 176 x 126mm. Weight 8.8Kg

BT0058

12V, 44Ah. Size 197 x 165 x 170mm. Weight 14.0Kg BT0059 £115.00

12V, 70Ah. Size 259 x 168 x 208mm. Weight 21.5Kg

Order at: www.greenweld.co.uk or Call: 01277 811042

£156.00

£46.00





#### **Inverters from Sterling Power Products**

These products are primarily designed in the UK and comply with the latest European standards. These units will give many years of excellent service and come with a two year guarantee. We have only featured a few items from this range. If you would like to see the full 24 page catalogue please ask us for a copy or visit www.greenweld.co.uk/data to download a brochure.

These two new inverters produce a Modified Sine wave and are available with a continuous output power of 100W or 150W. The output voltage is 230V/50Hz (5%) and they are available with 12V or 24V input via a standard cigar plug. Over-voltage and low-voltage cut-out are standard. Both models have a specially designed Multi-European socket which allows you to plug in a UK 13A plug or a European 2 or 3 pin plug.



This clever design fits securely into any standard drinks can holder so it won't roll around whilst you are driving. Price 29.99 100W continuous - 200W surge.







EW!! 150W

Oval Inverter

ORDER CODE
SP150C12
12V OVAL
F 34 99

ORDER CODE SP150C24 24V OVAL £34.99

Slightly larger than the 'coke can' this inverter delivers up to 150W continuous - 200W surge.

## Higher Power Inverters with Remote Monitor

This new range has been carefully designed to give the best performance at a reasonable cost.

Output voltage: 230V / 50Hz (5%) Modified Sine Wave

Input Voltage: 12V model: 10-15V DC: 24V model: 20-30V DC (24V)

Multi-European socket (takes UK and all European plugs)

These models include a remote control monitor with 6m cable that lets you put the inverter in hard to reach locations.

		Powei		
Order Code	Input	Continuous	Surge	Price
SP1000W12	12v	1000W	1500W	£198.99
SP1800W12	12v	1800W	3000W	£339.99
SP2500W12	12v	2500W	4000W	£445.99
SP1000W24	24v	1000W	1500W	£198.99
SP1800W24	24v	1800W	3000W	£339.99
SP2500W24	24v	2500W	4000W	£445.99





#### **Pure Sine Wave Inverters**

Most applications will work with the Modified Sine Wave unit as above but if you require a Pure Sine Wave inverter we can also supply the full range. They are significantly more expensive but you may need it because, for example, you have thyristor controlled equipment. Further details are available from our website. www.greenweld.co.uk/inverters

#### RC-CAM - Miniature On-Board Camera System

The RC-CAM system transmits live high-quality colour video and audio up to 450 feet or more and is specially designed for use with radio controlled models.

- · Small and light weight
- Low power consumption
- · Capable of long range
- · Licence free and legal for use in the UK
- · High quality colour video
- · On-board audio
- Run from standard 9V PP3 battery
- · Reverse polarity protection

Ask for full details or see our website at www.greenweld.co.uk.

£32.50 RC0002 Optional Yagi Aerial **Additional Camera Module** 

ORDER CODE

RC0001

 Compact Transmitter (TX-888) · Receiver Unit (RX-555) · Colour Camera · Video and audio lead · Detailed user manual

Video Modulator (see below)

Video Modulator

With Test Signal

#### Monitor and record the performance of your model with the new RC Log

On board data logging systems for Radio Controlled Aircraft, Boats and Cars. Record up to 16 channels during the flight or race and then download the data to display on your computer screen. Compatible with Windows 98SE, ME, 2000 and XP For full details see www.greenweld.co.uk/rclog



#### Scart Leads

Audio/Video leads. Scart plug to Scart plug, 21 pins connected.

0.75m	£1.65
1.5m	£1.75
3.0m	£2.35
5.0m	£3.55
10.0m	£4.95
	1.5m 3.0m 5.0m

# If you wish to watch images from the micro

1 year warranty

£24.99

ORDER CODE ST350772

MODULATOR

**ONLY** 

camera system on a TV that has no scart or composite input, then you will need one of these video modulators. This unit converts a Lo frequency audio/video signal from a camcorder, VCR or the RC-CAM (above) into a high frequency aerial signal for any TV. Output signal setting from channel 27 to 47. A test signal generator makes the setting up of the TV easier. Complete with aerial lead and 12V mains adaptor.

CD Printing Label Sticker Kit

ORDER CODE ST126077 LABEL KIT ONLY

Create your own CD labels - simply create your design and print the labels using your colour printer. This great pack contains a CD including 100 pictures and a teaching program. A label case is also included for accurate label positioning and the kit includes 10 high-quality label stickers (more stickers available - see product code ST126080 below).

CD Pro CD Label Stickers

Spare labels for

**CD** Printing Label

#### 3 Way Scart Switcher



One scart plug to three scart sockets with push button switch to select socket. Lead length 0.5m.

#### Handy Scart Adaptor



ORDER CODE ST0024 ADAPTOR ONLY

Audio + Video In/Out. Scart plug to 3 x RCA phono sockets and a 4 pin S-video socket, switched for input or output.

#### DVD Lens Cleaner



To keep your DVD player in top condition, it is recommended that you clean the laser lens every four weeks. This DVD lens cleaner does the job nicely, and as a bonus also includes Surround Sound Testing and Colour Testing

### 2 Metre Mains Trailing Sockets



- Neon indicator
- Holes for wall fixing

$\overline{}$		
ST429839	4 way	£3.99
ST429847	6 way	£4.99

#### TV/Video Leads

ST0028 1.0m Long ST0029 2.0m Long £1.35 ST0030 4.0m Long £1.75 ||ST0032 2.0m Long £1.35

£1.15 Coaxial plug to coaxial plug. Black

ST0031 10.0m Long £3.65 | ST0033 4.0m Long £1.75

Kit. Each pack contains 10 high-ONLY quality selff2.99 adhesive labels.

ORDER CODE ST126080

Coaxial plug to coaxial plug.

Call: 01277 811042 - Fax: 01277 812419 - Email: service@greenweld.co.uk

#### Refill Your Own Computer Printer Cartridges & Save £££'s

#### **Inkjet Printer Refill Kits**

- Refill your cartridges up to 5 times
- Compatible with over 300 inkjet printers and faxes
   HP, Canon, Epson, Olivetti, Lexmark, Apple, etc
- Each kit will fill 1 to 6 times (depending on capacity)

Kit contains full instructions

NB Epson chipped cartridges will require a JR ZAP-IT kit to reset

	Code	Kit	Content	Price
,	JRSTART	Starter Kit Colour & Black	25ml of yellow, cyan and magenta ink. 2 x 25ml of black ink.	
			60ml of cartridge flush.	£19.99
_	JRBLCK	Black Refill	2 x 25ml black ink.	
			25ml of cartridge flush.	£8.99
,	JRCOL	Colour Refill	25ml of yellow, cyan and magenta ink. 25ml of cartridge flush.	£13.99
	JRZAPIT	Zap-It	1 Zap-it chip resetter used to reset the chip in Epson cartridges so the printer will recognise them as full again.	£17.99

## Pre-Filled Replacement

Cartridges If you don't want the bother of refilling your cartridges you can still make substantial savings by buying JR compatible cartridges. Select your printer from the lists shown.

#### Canon

Code	Cartridge	OEM	Price
JR0559	BJC 2000/2100/4000/	BCI-21BK	
	4100/4200/4300/4400/		
	4550/4650/5000/5100/		
	550/Fax-B210C/230C/		
	MultiPass C20/C30/		
	C50/S100 (Black)		£2.99
JR0560	BJC 2000/2100/4000/	BCI-21C	
	4100/4200/4300/4400/		
	4550/4650/5000/5100/		
	5500/Fax-B210C/230C/		
	MultiPass C20/C30/		
	C50/S100 (Colour)		£3.99
JR0596	BJC 6000 (Black)	BCI-3BK	£4.99
JR0597	BJC 6000 (Cyan)	BCI-3C/3eC	£4.99
JR0598	BJC 6000 (Magenta)	BCI-3M/3eM	£4.99
JR0599	BJC 6000 (Yellow)	BCI-3Y/3eY	£4.99
JR0600	S300 (Black)	BCI-24BK	£2.99
JR0601	S300 (Colour)	BCI-24C/M/Y	£4.99

Inklet	Inkiet R	Invert	NEW!
Epson	T HOUSE AND A		



Code	Cartridge	OEM	Price
JR0554	Stylus Colour 400/500/600/700Photo (Black)	SO20093	£3.99
JR0556	Stylus Colour 800/850/1520 (Black)	SO20108	£3.99
JR0557	Stylus Colour 400/600/800/1520 (Colour)	SO20089	£4.99
JR0567	Stylus Colour 440/460/640/670/740/760/860/1160 (Colour)	SO20191	£4.99
JR0568	Stylus Colour 740/760/860/1160 (Black)	SO20189	£3.99
JR0569	Stylus Colour 440/460/640/660/670/750/1200 (Black)	SO20187	£3.99
JR0574	Stylus Colour 480/580/C20/C40 (Black)	T013	£3.99
JR0575	Stylus Colour 480/580/C20/C40 (Colour)	T014	£4.99
JR0585	Stylus Colour 680/685/777 (Black)	T017	£5.99
JR0586	Stylus Colour 680/685/777 (Colour)	T018	£6.99
JR0587	Stylus 780/790/870/875/890/895/915/1270/1280/1290 (Black)	T007	£5.99
JR0588	Stylus 780/790/870/875/890/895/915 (Colour)	T008	£6.99
JR0602	Stylus 880/880i (Black)	T019	£3.99
JR0603	Stylus 880/880i (Colour)	T020	£4.99
JR0604	Stylus Photo 810/820/925/935/C50 (Black)	T026	£5.99
JR0605	Stylus Photo 810/820/925/935 (Colour)	T027	£6.99
JR0606	Stylus C60/C61 (Black)	T028	£5.99
JR0607	Stylus C50/C60/C61 (Colour)	T029	£6.99
JR0608	Stylus C70/C80/C82/CX5100/CX5200 (Black)	T0321	£7.99
JR0609	Stylus C70/C80 (Cyan)	T0322	£6.99
JR0610	Stylus C70/C80 (Magenta)	T0323	£6.99
JR0611	Stylus C70/C80 (Yellow)	T0324	£6.99
JR0612	Stylus C42/C44 (Black)	T036	£5.99
JR0613	Stylus C42/C44 (Colour)	T037	£6.99
JR0614	Stylus C62/CX3200 (Black)	T040	£5.99
JR0615		T041	£6.99
JR0616	Stylus C82/CX5100/CX5200 (Cyan)	T0422	£6.99
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JR0663	R200/R300/RX500 Black Cartridge	T0481	£7.49
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#### NEW IMPROVED VERSION

#### Fantastic USB Computer Microscope for all the Family



New Improved Model - QX5<sup>™</sup> USB Computer\* Microscope with higher resolution (640 x 480) and Superbrite LED illumination. View objects at up to 200x magnification on your computer screen. No more peering through the small lens. Now all the family can see what's under the microscope and capture it on the computer. This superb microscope magnifies anything 10x, 60x or 200x.

Much More Than Just Slides

The most impressive thing about this microscope is the fact you can take it out of its slide-viewing cradle. As long as it's still plugged into the computer, you can magnify anything with it: the hairs on your arm, your eyeball, flowers, or even the hidden microscopic text on money. While it is harder to focus using the microscope in handheld mode, it allows children to interact with a moving and alive world, rather than the pre-prepared, dead, flat world of the traditional microscope.

Movies Of The Microscopic Another great feature of the microscope is that it's not just a stills camera, it's a movie camera too. Carpet fly-overs, centipede's leg articulation or flies digesting their food can all be captured. You can even create a time-lapse movie. Photographing a sprouting seed over hours and then playing the images back as a movie is an amazing leap forward from the static view of a traditional microscope.

- See the image on your computer screen
- 10x, 60x and 200x magnification
- · Works with Win98, ME, 2000 and XP

- · Save images on your computer
- As supplied by Intel to UK schools
- Plugs straight into your PC's USB port

System Requirements:

Available USB port. Intel Pentium, Celeron 200MHz or processor that is comparable or faster. 32MB of RAM. Minimum 150MB hard drive space. CD-ROM Drive (to load software). DirectX8 graphics. Windows compatible sound device. Works on Microsoft Windows 98/98SE/Me/2000/XP.

## Peltier Element 30 x 30 mm

This thermo element enables you to produce electricity from the temperature difference between the two sides of the element. Alternatively apply an electric current and produce the cooling/heating effect. You'll be amazed at the results from just a 1.5V battery. Fascinating for all. Size 30 x 30 x 4.75mm.

Used as a Peltier element for cooling/heating: Maximum Cold Performance: 17 Watt Maximum Temperature Difference: 67 Degrees Maximum Output: 8V

Maximum Output: 8V Maximum Current: 3.5 Ampere Maximum Working Temperature (Constant): 70 Degrees for short time experimental purposes: 110 Degrees Resistance: 1.8 Ohm

Heat Value: 140 mW/K Weight: 15gm

For use as a Thermo element: Thermo power: 27 mV/K

ORDER CODE CDT0098 PELTIER ONLY

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#### **Larger Peltier Element** ORDER CODE CDT0255/2 Size 40 x 40 x 4.7mm ORDER CODE CDT0255 (75% larger) FOR ONLY Technical Data Used as Peltier element for £23.00 **PELTIER** cooling/heating **ONLY** Maximum cold performance 33W ORDER CODE CDT0255/3 Maximum temperature difference 67 Maximum output 15V Maximum current 3.9A Maximum working temperature **FOR ONLY** (constant) 150° Resistance 3.5 Ohm Heat value 250mW/K £32.00 40 x 40 mm Weight 22g For use as a thermo-element Thermo power 49mV/K

#### Extra Large Peltier Element

Size 62 x 62 x 3.8mm. Technical Data Used as Peltier element for cooling/heating Maximum cold performance 270W Maximum temperature difference 67° Maximum output 15V Maximum current 30A Maximum working temperature 125° constant,175° peak

Resistance 0.27 Ohm



ORDER CODE PELT6230 PELTIER ONLY £27.00 ORDER CODE PELT6230/2 ONLY £50.00 ORDER CODE PELT6230/3 ONLY £70.00

#### 12V Brushless DC Fan



Model NMB2106KL-04W-B30, 52 x 52 x 15mm with 150mm flying leads. Dual Ball bearing design for long life. Reinforced black polybutylene plastic. 4 mounting holes on 40mm centres. . Weight 25g. Current draw 0.1A.

Q1573 Q1573/10

£1.75 Each £12.50 For 10

#### Make Your Own **Faraday Torch**





This smaller version of the torch that never needs batteries (shown right) is a handy 5" long and comes as a kit of parts that you assemble yourself. What a great little project, interesting, educational and useful.

#### 12V Fan 60 x 60mm



12 VOLT DC Fan Size 60 x 60 x 25mm Type TA225DC. Manufactured in Japan by NIDEC Low Noise Operation. Ball Bearing 12 Volt DC max 90mA polarity protected 300mm Flying Leads 9 cfm Model M33394-16

Q1619

€2.95



Transfer liquid in minutes with this useful water pump. Ideal for emptying ponds, aquariums, wine and beer making. Also suitable for transferring petrol, oil and any other non-corrosive fluids handy emergency tools for washing machine floods and other spills. Pumps 5-6 litres of liquid a minute with simple one-button operation and needs just 2 x D batteries (order code BT0014 -

#### Fan/Heatsink To Suit 40 x 40 Peltier Element



This heatsink with a built-in 5-6V DC fan is the same size as the larger Peltier element and will provide easy, extra cooling to improve the efficiency. 40 x 40 x 9mm.

CDT0277 £1.95 Each CDT0277/2 £3.50 For 2 CDT0277/3 £4.25 For 3 CDT0277/10 £12.50 For 10

#### Infra Red Thermometer



This IR thermometer brings advanced temperature sensing technology to your fingertips. Use this non-invasive infrared thermometer to give you the temperature of, for example fridges, tyres, water, air, greenhouses, wine etc. Simply point and click to measure the minimum, maximum or current temperature of virtually anything, in either Celsius or Fahrenheit. Hold the IR thermometer close to an object to find the exact temperature, or step back and measure the average temperature of a whole area. Measures to 0.1 of a degree and includes an integrated ultra bright LED torch. Takes 1 x CR32 Lithium battery (included) 12 x 2 x 2cm (4.7 x 0.8 x 0.8"

**GREENWELD** optical kits

## Telescope Kits

Build replicas of early telescopes and other optical instruments which really work. The high-quality German optical acrylic lenses give superb images. The kits have preprinted cut-out cards and full instructions enabling you to easily construct these fullyworking instruments.



A small Galileo telescope that is simpler to assemble for younger constructors. Black and gold printing with crossed swords and skull and crossbones decoration. 6 times magnification.



View the detail in salt crystals, feathers, textile fibres, etc. Build a fully functioning microscope with 3 lens optical system giving 40X magnification. Fully adjustable mirrors for both top and bottom illumination. Attractively printed in gold and black. Die-cut card for precise construction.







device projects an image of the sun onto a screen via 3 lenses and a mirror and includes a 5 step adjustable iris to vary the brightness. Precut card for precise construction. 20 x 20 x 25cm. View the partial solar eclipse on 3rd October 2005.



#### **Newton Reflecting Telescope**

An incredible instrument with a glass mirror from the Baader planetarium in Germany. 2 objective lenses give you 16X and 30X magnification so you can use it effectively for observing the night sky. The main mirror is 70mm diameter 450mm focal length and both mirrors are front-silvered. The hexagonal tube design strengthens the telescope body and the telescope is fixed on a Dobson mounting. Black and Gold printing make this a decorative as well as functional telescope

Sun-Filter For Reflecting Telescope This is the proper filter for allowing observations of sun-spots. 100,000X Neutral density filter reduces the brightness of the image so avoiding damage to your eyes (WARNING: Do NOT look at the sun without using this!).



ORDER CODE OPK0003 ONLY 3.99 Galileo Telescope

Used by Galileo Galilei for his discoveries,

this type of telescope has two lenses and gives an upright image so is best for terrestrial use. 38cm long with a magnification of about 10X

Pocket Telescope A mini version of the Galileo telescope with a 3.5X magnification.

**OPK0004** £2.99

Folding Mini-Telescope A Galileo telescope which folds up smaller than a credit card to slip easily into your shirt pocket or wallet. In the record books as the world's smallest telescope.

**OPK0005** £2.99

#### Kepler Telescope

This type of telescope uses a different set of lenses which give a larger but inverted image. It is best for astronomical use because of the larger, sharper image. This model is 45cm long when extended and magnifies about 10X. **OPK0006** £4.99

#### Magic Lantern

An elegant old-style "Magic Lantern" model which actually works. Battery powered for child-safe operation, you can project the images onto a screen or blank wall. A 6 volt lamp with parabolic reflector, condensor lens and 2-lens objective give a reasonably bright image (although not up to the standard of 100W slide projectors!). Create your own film strips by painting or drawing on transparent plastic or use 35mm film strip. Hours of fun for children and adults alike. Gold and black printed die-cut card for precise construction. Needs 4 AA batteries (not included - order BT0012 at £1.95 for 4).

#### **Nelson Telescope**



**ONLY** £9.99 This 5 section sailors telescope with 6x magnification collapses down to fit in a lidded storage box. It has a large (45mm) objective lens and gives an upright image. Pre-cut card

with elegant gold and black printed decoration the telescope measures 15cm when collapsed and 35cm extended

#### Kaleidoscope



Make your own kaleidoscope with this kit and fill the viewing chamber with your own choice of subject. Flower petals, beads or



**GREENWELD** experimental

#### Thermocolour Film

Self adhesive plastic film coated with Thermochromic "liquid crystal" ink. Changes colour from black to bright blue when heated above 27°C. Use for temperature indicators.

CDT0246 150 x 150mm sheet

#### Thermocolour Display Pack

This pack contains a piece of Thermocolour Film 50 x 150mm, a metre of resistance wire and an information sheet showing you how to make a simple Liquid Crystal Display.

CDT0247

£3.99

#### Alien Orbiter Gyroscope



No strings needed, simply blow into one of the three intake ports to energise. Hear the whirl of its precision spin mechanism as it powers up. Feel the energy of its gyroscopic forces. You will be amazed at its gravity defying tricks as it spins on its chrome base. The orbiter will balance in any position, and you can re-energise whilst it's still spinning. Fantastic fun and a great gift idea.

Polarising Film
Here's something different. Linearly polarised film for reducing reflections or for polarisation experiments (e.g. View stress patterns in plastic items). Transmissivity: single sheet = 42%, 2 sheets crossed polarisation = <0.15%. Thickness 0.14mm. Sheet 10 cm x 5 cm (makes two 5 x 5cm pieces).

We can also supply this to order in sheets 350 mm wide cut to the length you require (in 10cm increments) at £29.35 per 10cm.

OPF0001

£5.99

20W High Intensity Strobe Light



Variable flash rate up to 10 flashes/second. Black plastic case. Fitted with an adjustable mounting bracket, mains lead and flash tube.

Spare tube for high intensity strobe.

ST153350

£4.99

#### Quality Lenses For Your Experiments

We have two ranges of top quality German Acrylic and Glass Lenses for all your optical experiments in a range of sizes and focal lengths. The Acrylic lenses are the same as those used in the telescope kits. Most of the the glass lenses are 2 lens Achromats for less colour aberration.



OPL20 Convex lens. Massive 110mm dia, focal length +333mm.

#### Glass Lenses

Code	Type	Diam	Focal	Price
	•		Length	
OPL31	Convex	21.5mm	+34.1mm	£1.70
OPL32	Convex	25.5mm	+42.9mm	£1.95
OPL51	2 lens achromat	18mm	+26.5mm	£3.10
OPL52	2 lens achromat	18mm	+39.5mm	£3.10
OPL61	2 lens achromat	30mm	+135.5mm	£3.70
OPL62	2 lens achromat	35mm	+147.3mm	£3.90
OPL63	2 lens achromat	40mm	+156.4mm	£4.10
OPL64	2 lens achromat	50mm	+182.8mm	£4.80
OPL69	2 lens achromat	30mm	+250mm	£3.90
OPLGSET Experimenters set of all 9 glass lenses - Buy the set and				
SAVE £5.35 on the price of the individual lenses. £24				£24.90

#### **Acrylic Lenses**

Code	Type	Diam	Focal	Price
	. 7   -		Length	
OPL1	Concave	16.5mm	-35mm	£1.25
OPL1A	Concave	13mm	-60mm	£1.40
OPL2	Convex	16.5mm	+15mm	£1.25
OPL3	Convex	16.5mm	+30mm	£1.25
OPL4	Convex	16.5mm	+49mm	£1.25
OPL5	Convex	16.5mm	+65mm	£1.25
OPL6	Convex	16.5mm	+120mm	£1.25
OPL7	Convex	34.5mm	+106mm	£1.75
OPL7A	Convex	34.5mm	+170mm	£1.75
OPL8	Convex	34.5mm	+225mm	£1.75
OPL8A	Convex	40mm	+180mm	£1.80
OPL9	Convex	45mm	+360mm	£2.10
OPL9A	Convex	50mm	+245mm	£2.30
OPL10	Convex	62mm	+275mm	£2.70

Set of 14 lenses listed above. Save 20%

**OPLSET** £18.44





#### **Diffraction Grating**

Transmission diffraction grating (900 lines per mm) transparent film. The high line density produces a wide coloured spectrum of the observed or projected light source similar to a prism. Make a hand spectroscope! Size 15.2 x 3.8 cm sufficient for four 35mm slideholders which can easily be made from the cardboard box. Larger sizes available on request.

OPF0002

#### Optical Illusion Plastic

This plastic sheet is less than 1mm thick but it is engraved so that it looks as though it is much thicker. Objects placed on the sheet appear to sink below the surface. You won't believe your eyes! A4 sheet.

CDT0249

£3.99

£9.90

£2.90

£3.90

#### Fresnel Lenses

Flat lenses, invented by French physicist A. L. Fresnel, consisting of concentric prismatic rings which act like a large lens but are very flat. OPLF4 is a sheet with one magnifying lens (75 x 177mm) and 25 small (33 x 33mm) diverging lenses.

Code		Focal Length	Price
OPLF1	60 x 60 x 0.3	+118mm	£1.90
OPLF2	108mm diameter	+100mm	£2.30
OPLF3	274 x 210mm	+310mm	£4.90
OPLF4	256 x 177mm	+310/-100	£3.30

Set of all 4 lenses. Save 20%.

**OPLFSET** 

Front Silvered Glass Mirrors

Flat mirror, 22 x 15.5 x 1.3mm. OPM0003

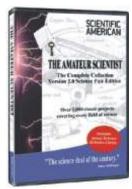
Flat mirror, 28 x 20 x 1.3mm.

OPM0001

Concave mirror, 70mm dia x 450mm focal length.

OPM0002

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This is the complete collection --73 years-of articles from Scientific American magazine's legendary column "The Amateur Scientist," plus a second Science Software Library CD with dozens of shareware and freeware programs to feed the passion of any science nut. With

over 1,100 projects to challenge science enthusiasts of all ages and skill levels -- rated by cost, potential hazard, and difficulty -- this is the ultimate resource for anyone interested in homebased science. And if that's not enough, it also contains over 1,000 bonus pages of additional how-to science techniques that never appeared in Scientific American.

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DISC0001

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The famous TV show in an electronic handheld version. Three games exactly as shown on TV - Word, Number and Conundrum. Database derived and contains words from the new Oxford Dictionary of English. 3 line LCD display with large viewing area. Countdown clock with 15 separate LED's. High quality sound effects and Countdown theme (taken from the TV game show). Fast, intuitive entry system. Includes Hall of Fame feature and 1 or 2 player modes. Great fun for all the family.



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The only crossword solver that accepts multiple word entries - now you can solve HLL1113 that clue! An anagram solver and multiple word solving with a database of over BARGAIN 140,000 words. Derived from the same data ONLY as in the Sunday Express Crossword 4.99 Dictionary which includes 250 subject categories. Enter a series of '?', press enter and find answers to even the hardest crossword clues. Context sensitive help to solve cryptic clues. Includes Hangman and jumble Word games. LCD dot matrix display and integral lid for extra protection.



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90,000 words database from Collins® Pocket English Dictionary featuring full dictionary definitions and HyperText. Powerful Thesaurus offering over 750,000 synonyms, phonetic spell correction and identifies Homophones. Verb conjugation and anagram feature plus two word games and Crossword and Wild Card. QWERTY keyboard, context sensitive help, 2 line LCD dot matrix display with descenders and an integral lid for extra protection. Full one year replacement warranty. Weighs only 60g. Great gift idea.

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This high quality ball-point pen is more than it seems. It's also a superb digital recorder that uses no tape. Use it to record and play back reminders or messages. There are 2 channels each offering 10 seconds recording time or one of 20 seconds duration.

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- Tournament capable LCD chess game
- Over 1,000 level settings
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- problems
   Teach mode –
  beginners and
- advancedSave games to memory
- Includes En Passant and Castling Requires 3 x AAA – not included

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New in from Greenweld this precision digital camera is designed to be used underwater.

Up to 312 pictures

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f 49.99

- Waterproof to 3 metres
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- Web-cam function
- · VGA image quality

Complete with built-in flash and see-through clam shell body, this gadget is a must-have for any holidaymaker or gizmo lover.

#### **Pocket Thesaurus**



Pocket thesaurus with over 70,000 headwords plus powerful spelling and correction function. Massive synonym database of over 750,000 words, homophone identification system (over 1,600 words), anagram and crossword/letter match functions. Includes unique grammar function which provides word inflections and verb conjugations, complete with examples and symbols. 4 games - Hangman, Jumble, Word Search and User Anagrams. Features integral lid for extra protection.



What a great gadget idea. This super flexible roll-up calculator fits neatly into your pocket, handbag or glove compartment. Needs no batteries as it is solar powered and comes complete with handy carry cord.

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Greenweld are proud to present this fabulous collection of 8 World War II DVD's as a complete boxed set. Combining award-winning documentary with authentic WW II footage, the series traces the war from its conception in Germany in the 1930's, through to the dropping of the atomic bomb on Nagasaki and Hiroshima. These high quality DVD's each covers a different aspect of the conflict: The Nazis Strike, Prelude to War, Divide and Conquer, War Comes to America, The Battle of Britain, Fury in the Pacific, The Battle of Russia, Hiroshima and Nagasaki. The complete collection comes to you at a fraction of the price that 8 DVD's would normally cost you. £19.99 for many, many hours of awardwinning footage and commentary. Great gift idea.

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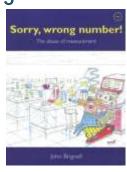
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### Sorry, Wrong Number The Abuse of Measurement

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The world is driven by numbers and many of them are misleading or just plain wrong. In this book John Brignell (Professor of Industrial Instrumentation at the University of Southampton for 20 years) examines some of the tricks and deceit practised by politicians, bureaucrats, quasiscientists (junk, pseudo or just bad) and SIFs (Single Issue Fanatics) who manipulate numbers to persuade us to do what they want.



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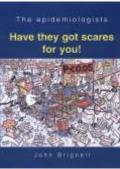
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# The Epidemiologists: Have They Got Scares

For You

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In this new book John Brignell, the acclaimed author of "Sorry Wrong Number!", looks at the history and practice of epidemiology and the validity or otherwise of the numerous claims made by its practitioners. Can we take seriously any of the regular media claims that, for example "Coffee causes cancer" or conversely "Coffee protects against cancer"? With chapters on "Cause and Effect", and "Fallacies" as well as looking at Cancer, Tobacco and Electromagnetic Radiation this book takes a sceptical view of the relationship between the epidemiologists, the media and politics and their influence on our health and well being.

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## Keep Your Pond Clean with Pondvac



Removes dirt and debris from your pond in minutes. This clever British invention attaches to your garden hose and the water pressure creates a venturi effect, which sucks up any dirt and debris. This collects in a re-useable muslin bag, allowing the clean water to pass through. The pond debris makes useful garden fertiliser. The special brush attachment has special rollers which glide easily over the pond bottom, gently removing the dirt whilst protecting pond life and fish. The Tornado Pondvac(tm) comes complete with a lightweight telescopic aluminium handle to easily reach into the largest ponds. 3 year guarantee.

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