

g**s****grove sales**

Issue 1 JUNE 2010

Consumables, Tools & Equipment for Industry

Erem Tweezers

From
£5.93

High Quality • Swiss Made

See page 6



ESD Warning Labels

From
£5.99

See page 5

Standard Fluorescent Round Mag Lamp

From
£39.99

See page 7

SAME DAY DESPATCH***NO QUIBBLE GUARANTEE****FREE DELIVERY****

*Stock orders received before 3pm

**Orders over £150

**Order
Online****www.grovesales.co.uk****T: 01202 588900 F: 01202 588901 E: sales@grovesales.co.uk**

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- 2. Product Range** – A comprehensive range of products by leading worldwide manufacturers
- 3. Same Day Despatch** – All orders for stock products placed before 3pm are despatched same day
- 4. No Quibble Guarantee** – If you are not totally satisfied with your order, simply call us on 01202 588900 to arrange a refund or replacement goods
- 5. Free Delivery on Orders Over £150** – Orders totalling more than £150 before V.A.T. and carriage are shipped free of charge

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Product List

Electrolube Cleaning Solutions

Electrolube Conformal Coatings

Polyimide Tape & Dots

Weller Soldering Stations

Fume Extraction

Qualitek Lead free Soldering Solutions

Vision Engineering – Lynx-Mantis

ESD Essentials

Hand Tools – Erem-CK

Used Equipment

Used Equipment for Sale and Wanted

WEBSITE UPDATED DAILY

REGISTER ONLINE TODAY

WEEKLY EMAIL SHOTS

Grove Electronic Sales is a long standing business that has been supplying used production equipment for over 20 years and have a totally satisfied client base.

We pride ourselves in supplying quality used equipment at the right price.

We offer a web advertising service to companies who wish to dispose of used equipment either on a commission basis or by purchasing equipment no longer required.

We are always looking for quality used equipment so please call or email us today with any equipment that you no longer use.

Please call 01202 588900 with any requirements buy or sale.



NEW PRODUCTS

WD 3000 HPT Soldering re-work station from Weller



- WP 120 watt Soldering Iron
- WMRT Re-work Tweezers
- WMRP Micro soldering tool

Order code GRW-WD3000HPT

List price £1,093.42

Offer Price
£975.00

Lead Free De-solder Braid

Now in 25ft reels

- Oxide-free clean copper
- On static-dissipative spools
- More Strands of copper (more surface area) per square inch
- Flux residue remaining on board does not need to be cleaned



Part No	Description	1-9	10+
301-870-LF	Lead free braid 0.635 mm x 25ft	£6.27	£5.99
301-871-LF	Lead free braid 1.27 mm x 25ft	£6.27	£5.99
301-872-LF	Lead free braid 1.9 mm x 25ft	£6.46	£6.10
301-873-LF	Lead free braid 2.54 mm x 25ft	£7.22	£6.95

De-Solder pump from Weller!

Simple and easy to use

- Length 200mm
- Metal Body
- Antistatic



Part No	Description	1-9	10+
201-870	Anti-static De-solder Pump	£9.75	£9.18
201-871	Spare tips for above	£2.55	£2.10

Order online – www.grovesales.co.uk



High quality low cost ESD Chair

- European Standard EN 61340-5-1:2001
- ESD chair specifically designed for use in the electronics industry
- Suitable for use in static controlled environments



Part No	Description	Height	Price
111-114-##	Economical ESD Chair – Glides	430-570mm	£79.90
111-115-##	Economical ESD Chair – Casters	450-590mm	£104.58
111-116-##	High Economical ESD Chair – Glides	550-800mm	£90.48
111-117-##	High Economical ESD Chair – Casters	550-800mm	£108.80

NEW

Anti-Static Intermediate Chair

- More comfortable seat
- Seat height adjust
- Adjustable foot ring



Part No	Description	Height	Price
111-118-##	AS6 ESD Chair – Glides	450-590mm	£122.20
111-119-##	AS6 ESD Chair – Casters	450-590mm	£122.20
111-120-##	AS6-H High ESD Chair – Glides	500-690mm	£141.00
111-121-##	AS6-H High ESD Chair – Casters	550-800mm	£141.00

NOTES FOR ORDERING

COLOURS AVAILABLE: BLUE and CHARCOL Fabric, BLACK Vinyl
 Please select colour by adding BL, CH or BK on the end of our part number.
 e.g. 111-111-BL (This will give you a blue fabric chair).
All High ESD Chairs come with a Foot Ring

NEW

Anti-Static Ergonomic Chair

- More Adjustable seat
- Seat Tilt
- Back rest height adjust
- Back rest angle adjust



Part No	Description	Height	Price
111-122-##	AS5 ESD Ergonomic Chair – Glides	450-590mm	£145.70
111-119-##	AS5 ESD Ergonomic Chair – Casters	450-590mm	£145.70
111-120-##	AS5-H High Ergonomic ESD Chair – Glides	500-690mm	£164.50
111-121-##	AS5-H High Ergonomic ESD Chair – Caster	500-690mm	£164.50



ESD SHOES – ESD Airing-Clog, white and Black

- ESD Footwear to EN 61340-5-1 Standard
- Breathable upper material
- Washable in washing machine

Part No	Description	Size	Colour
GR-SCS-43	ESD - Airing Clog	UK 5	White
GR-SCS-44	ESD - Airing Clog	UK 6	White
GR-SCS-52	ESD - Airing Clog	UK 5	Black
GR-SCS-54	ESD - Airing Clog	UK 6	Black



ESD Lab Jackets

- Comfortable and lightweight
- Unisex ½ length body design
- ESD Logo



Part No	Description	Size	Price
101-022-1	ESD Diamond Blue Lab Jacket	Small	£29.99
101-022-2	ESD Diamond Blue Lab Jacket	Medium	£29.99
101-022-3	ESD Diamond Blue Lab Jacket	Large	£29.99



ESD Warning Labels

- ESD Attention Label With Arc
- Material – paper

Part No	Size	Qty per roll	Price	
			1 to 9	10+
104-105	25 x 45mm	1000	£7.99	£5.99



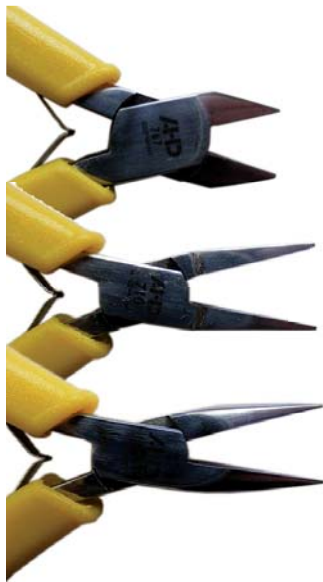
Erem Tweezers

- Precision Tweezers
- Special Stainless Steel
- Non-magnetic



GES Pt No	Description	List Price	Price Breaks	
			1-9	10+
205-1SA-SL	1SA Erem Tweezers	£7.32	£6.81	£6.14
205-3SA-SL	3SA Erem Tweezers	£7.07	£6.57	£5.93
205-7SA-SL	7SA Erem Tweezers	£8.06	£7.49	£6.77

Top Quality • Swiss Made



CUTTERS and PLIERS

- Precisely aligned CNC-milled cutting edges
- Surfaces polished to give a mirror finish
- Double leaf springs
- Non slip yellow moulded grips

Part Number	Description	Price	
		1-9	10+
201-111	767 Cutter	£14.45	£13.60
201-123	710 Flat nose plier	£15.21	£14.32
201-118	726 Snipe nose plier	£15.13	£14.26
201-111-5	Set of 3 cutter & pliers (767, 710 & 726)	£40.32	£37.96

GES Micro Cutter

- With a softer grip and smaller handle
- Great Value, Fantastic Cutter

Part Number	Description	Price	
		1-9	10+
GR-HTC-013-1	5 inch Side Cutter with retention Clip	£3.99	£2.99
GR-HTC-13	5 inch Side Cutter	£3.49	£2.49





PCB Nibblers

- Designed for single PCB separation in multiple circuit board production
- Four sizes to match most common routed slot size

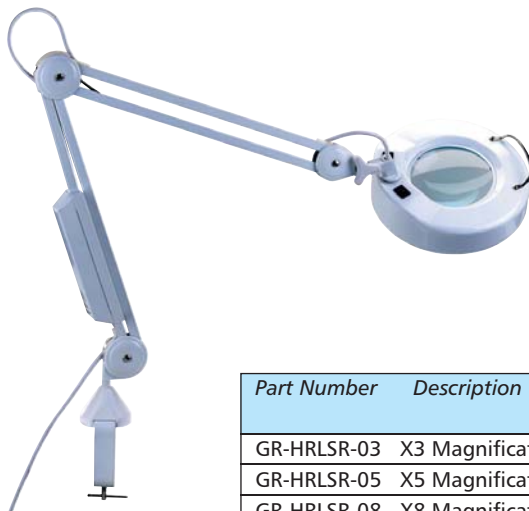
Part Number	Description	Price	
		1-4	5+
GR-HTN-1.3	1.3mm Nibbler	£32.75	£29.80
GR-HTN-1.6	1.6mm Nibbler	£32.75	£29.80
GR-HTN-1.9	1.9mm Nibbler	£32.75	£29.80
GR-HTN-2.3	2.3mm Nibbler	£32.75	£29.80

7 Piece Precision Screwdriver Set

- Set Includes: PH00 - PH01 PH1 x 50mm
- Slotted Screwdrivers - 4mm, 3mm, 2.5mm, 2mm x 50mm



Part Number	Description	Price	
		1-9	10+
GR-HTS-001	7 Piece Precision Screwdriver Set	£11.99	£9.99



Standard Fluorescent Round Magnifying Lamp

- 22w circular daylight fluorescent tube
- Shadow-free light with no heat emission
- Robust metal construction with standard table clamp

Part Number	Description	Price	
		1-4	5+
GR-HRLSR-03	X3 Magnification Lamp	£45.55	£39.99
GR-HRLSR-05	X5 Magnification Lamp	£45.55	£39.99
GR-HRLSR-08	X8 Magnification Lamp	£45.55	£39.99
GR-HRLSR-09	Spare Lamp for above	£3.99	£3.49



Nitrile Exam Powder Free Gloves

- Nitrile Synthetic rubber which offers much better puncture and abrasion resistance than natural rubber or vinyl
- Sensitive Skin – No latex proteins – eliminates protein skin sensitization

Part Number	Size	Prices		Box Qty
		1 to 9	10+	
122-100-S	Small – Nitrile Gloves	£5.70	£5.38	100
122-100-M	Medium – Nitrile Gloves	£5.70	£5.38	100
122-100-L	Large – Nitrile Gloves	£5.70	£5.38	100
122-100-XL	Extra Large – Nitrile Gloves	£5.70	£5.38	100



Latex Powder Free Gloves

- Natural rubber latex powder free disposable glove
- Strong – Made from 100% natural rubber latex

Part Number	Size	Prices		Box Qty
		1 to 9	10+	
122-101-S	Small – latex Gloves	£5.10	£4.66	100
122-101-M	Medium – latex Gloves	£5.10	£4.66	100
122-101-L	Large – latex Gloves	£5.10	£4.66	100
122-101-XL	Extra Large – latex Gloves	£5.10	£4.66	100

100% Cotton Lined Gloves

- Made of 100% cotton
- Highly absorbent
- Comfortable
- Lightweight



Part Number	Size	Prices		
		1 to 9	10+	
G301-S	Small Cotton Liner	£0.37	£0.32	(Sold In Pairs)
G301-M	Medium Cotton Liner	£0.37	£0.32	(Sold In Pairs)
G301-L	Large Cotton Liner	£0.37	£0.32	(Sold In Pairs)
G301-XL	Extra Large Cotton Liner	£0.37	£0.32	(Sold In Pairs)



Anti-Static Glove – Dotted Palm Grip



- P.V.C dotted palm grip with 100% cotton lining
- 100% Polyester back with conductive carbon line every 10cm

**From Only
50p**

Part Number	Size	Prices	
		1 to 9	10+
G101-S	Small Anti Static Glove	£0.64	£0.50 (Sold In Pairs)
G101-M	Medium Anti Static Glove	£0.64	£0.50 (Sold In Pairs)
G101-L	Large Anti Static Glove	£0.64	£0.50 (Sold In Pairs)
G101-XL	Extra Large Anti Static Glove	£0.64	£0.50 (Sold In Pairs)

ESD Carbon Knitted Gloves

- Made of Nylon and Conductive yarn, coated with polyurethane
- PU Coated finger tips
- Colour: Grey/White
- Knitting: 13 Gauge

**From Only
£1.49**



Part Number	Size	Prices	
		1 to 9	10+
101-005-S	Small – ESD Knitted Glove, PU Coated Finger tips	£1.99	£1.49
101-005-M	Medium – ESD Knitted Glove, PU Coated Finger tips	£1.99	£1.49
101-005-L	Large – ESD Knitted Glove, PU Coated Finger tips	£1.99	£1.49
101-005-XL	Extra Large – ESD Knitted Glove, PU Coated Finger tips	£1.99	£1.49

ESD Pink Finger Cots



- ESD Powder Free Finger Cots
- Pack Qty: 10 Gross (1,440)

**£19.90
per gross**

Part Number	Size	Price
GR-FC-PF-S	Small ESD Finger Cots	£19.90 per gross
GR-FC-PF-M	Medium ESD Finger Cots	£19.90 per gross
GR-FC-PF-L	Large ESD Finger Cots	£19.90 per gross



Trade-In offer



Hi Power-Rapid heat up time!!

Trade in your old Weller TCP station, we will give you £40.00 off the latest hi-tec, hi powered WD1000 soldering station.

List price **£273.58**

Offer Price
£233.58

Terms and conditions apply contact for details

WSD81 Soldering Station

- An 80 watt electronically controlled soldering station
- Digital temperature display and is suitable Lead Free
- Temperature range: 50°C to 450°C Temperature accurate to ±2%
- ESD safe Uses LT series tips Lead free manufacture

Order Code GRW-WSD81



1-3

£204.20

4

£189.75

Up to 20% of list price

The LT range of Tips

For use with WP80, WSP80 and FE75 irons

Original Weller parts

Ex-stock



From
£2.89 each

See online for order codes

System 250 "Dual" Extraction Unit



- Two 50mm ESD stay put extraction arms
- Installation flex
- Unique flip top flush sealing mounting plate
- Filter blocked indicator
- 99.997% HEPA filtration

£585.00

Part No. 503-450

List Price **£645.00**

Lead Free SMD Micro Rework Station 120 Watt

Only
£135.00

- Fast heating; Precise and stable temperature
- Pick up the handle, unit starts working immediately
- Light handle, ESD
- Digital temperature calibration, easy to operate
- Cooling air function available. It can prolong the life of the heater and protect the unit



Order code 390-GT860D

Lead Free SMD Rework Station 700 watt

- Brushless fan with long life time
- Rapid heating while working. It begins to cool down to 100 automatically and shut off itself after the handle is placed on the holder
- Various types of nozzles available, easy to replace
- ESD Safe by design

Order code 390-GT997D



£195.00

Order online – www.grovesales.co.uk



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WANTED – USED EQUIPMENT

WEBSITE UPDATED REGULARLY

Used Equipment



USED VERSATRONICS RV4S

Pick & Place machine with feeders

- Supplied with selection of Tape & Vib Feeders (6 Banks Total)
- Component Range 0402 - QFP/ BGA's
- Windows 98
- Very Good Condition



VISION ENGINEERING LTD

Used Mantis Elite

- Stereo Microscope
- x4, x8 Lens
- LED lighting
- 2007 excellent condition



QUAD BADGED SM-TECH AVX400

Automatic In Line Screen Printer Standard 23" x 23" Frame

- High Precision In-line printer with auto vision alignment. (Age 5/1998 as demo model)
- under stencil cleaner, and 2D Inspection
- Automatic Tooling
- Powered Stencil Change & Conveyor Rail
- Max pcb 420mm x 360mm Min 50mm x 25mm

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