

Ostling Etchmark Ltd

One supplier for all your marking needs

INDUSTRIAL

MARKING AND PRODUCT IDENTIFICATION

www.etchmark.co.uk

Index

Hand marking machines	page 3
Semi Automatic machines	page 4
Printers and output devices	page 5
Connection leads	page 6
Markers	page 7
Photographic stencils	page 8
Stencil paper	page 10
Felts and electrolyte	page 11
Jigs & Fixtures	page 12
Accessories for LP Flow Etch	page 13
Accessories for Modulmat	page 16
Miscellaneous accessories	page 17

Power Units

EU80

Power Unit 100 VA capacity AC only, dial voltage Settings, without timer. Includes 1 output lead and 1 earth lead.



EU100

Power Unit 100 VA capacity AC/DC selection, sliding voltage setting, without timer. Includes 1 output lead and 1 earth lead.



EU Pulse

Power Unit 510 VA capacity AC/DC selection Graphic LCD display for voltage setting, timer and pulse settings including 1 output lead and 1 earth lead.



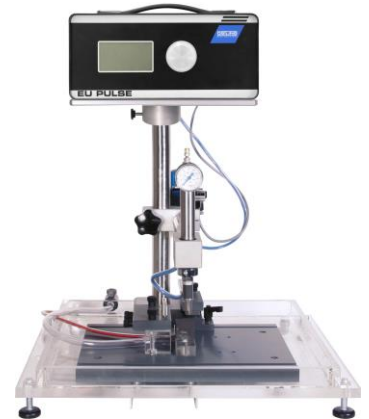
Semi-Automatic Marking Machines

LP Flow Etch Semi-automatic marking machine arranged as standard for 240v, AC supply, electro-pneumatic operation.

Incorporating a constant electrolyte flow to keep the stencil Impression clean and cool, by means of a low pressure pump and electrolyte container with filter facility. Includes marker head and standard jiggging. Suitable for use with most types of stencils.

Provides consistently high quality etch-marking.

Complete with EU Pulse power unit.



Modulmat Semi-automatic marking machine arranged as standard for 240v, AC supply, electro-pneumatic operation.

Electrolyte control is achieved with a variable speed electrolyte dosing pump for single electrolyte applications.

Jigged as standard with adjustable stainless steel component supports running in 'T' slots and X-Y-Z adjustable stencil holder.

The Modulmat is the compact version of the EMP with all the ancillary items enclosed in a plastic sub-frame.

The machine includes a marker head suitable for use with both stencil caps or stencils mounted in thin clear plastic frames; the latter being accommodated on the adjustable stencil mount holder.

Complete with EU Pulse power unit.



EMP Semi-automatic marking machine arranged as standard for 240v, AC supply, electro-pneumatic operation.

Electrolyte control is achieved with a variable speed electrolyte dosing pump for single electrolyte applications.

Jigged as standard with adjustable stainless steel component supports running in 'T' slots and X-Y-Z adjustable stencil holder.

The machine includes a marker head suitable for use with both stencil caps or stencils mounted in thin clear plastic frames; the latter being accommodated on the adjustable stencil mount holder.

Complete with EU Pulse power unit.



ALL UNITS ARE SUITABLE FOR MAINS INPUT OF 240v. 50/60 HZ UNLESS OTHERWISE REQUESTED
SEMI AUTOMATIC MACHINES REQUIRE AN AIR SUPPLY OF 3 TO 6 BAR

Printers and output devices:

For use with short run stencil and thermal paper, ideal for sequential part numbering, serial numbers etc.

Thermal stencil printers:

- BRT4-N** Network-ready direct thermal printer. High quality and very cost effective, 300 dpi output, cutter. Includes labelling software – 2D coding, logo import serial nos.
- THMR-100** 100mm x 100m roll thermal stencil material for use with above



P-touch labelling systems:

- PTD-600** PT-D600VP
Includes editor and design software, USB connectivity,
Up to 180x360dpi
Suitable for 18mm & 24mm cartridges, includes hard carry case



- PTP900W** PT-P900W
Includes editor and design software, USB & WiFi connectivity
Up to 360dpi
Suitable for 18mm, 24mm & 36mm cartridges



- 11.55.5010** PT-stencil tape 18mm x 3m for use with P-touch labelling systems
20% Discount if 10 or more ordered at one time
- 11.55.5020** PT-stencil tape 24mm x 3m for use with P-touch labelling systems
20% Discount if 10 or more ordered at one time
- 11.55.5025** PT-stencil tape 36mm x 3m for use with P-touch labelling systems
20% Discount if 10 or more ordered at one time

Marker & Power Unit Connection Leads:

Below is a selection of the most commonly used connection leads but many others are available, a complete list can be provided on request.

Standard Leads:

- C4311/1** Single Output Lead with 4mm plug connection for Power Unit and terminating with 0.25" crimp connection. 1 metre standard length.
- C4313/1** Single Earth Lead with 4mm plug connection for Power Unit and terminating with spring clip for earth connection. 1 metre standard length.
- C4318/1** Single Output Lead with 4mm plug connection for Power Unit and terminating with a 4mm banana plug. 1 metre standard length.



Double (Heavy-Duty) Leads:

- C4323/1** Double Earth Lead with spade connection for 50 amp Power Units and terminating with heavy-duty spring clip for earth connection. 1 metre standard length.
- C4324/1** Double Output Lead with spade connection for 50 amp Power Units and terminating with 2 x 0.25" crimp connections. 1 metre standard length.
- JIGENF32** Magnetic Earth (requires **C4319** Earth Lead)



All leads are a standard 1metre length. However shorter or extra length leads can be ordered by adding the following suffix to the part number:

/0.5 metre length single lead
/1.5 metre length single lead
/2.0 metre length single lead
/3.0 metre length single lead

/0.5 metre length double lead
/1.5 metre length double lead
/2.0 metre length double lead
/3.0 metre length double lead



Refillable Electrolyte Dispensing Markers

These Markers provide a more practical alternative to the simple Hand Marker when used on production runs. The handle forms a reservoir for the electrolyte with a flexible cap top, which gives excellent control of electrolyte dispensing to the marker head. The Marker heads are manufactured from high quality graphite and are interchangeable.

Marker Head Sizes:

C700-C4393	1.00" x 0.25"	(25.4mm x 6.4mm)
C700-C4394	1.75" x 0.75"	(44.5mm x 19.1mm)
C700-C4395	1.20" x 0.50"	(30.5mm x 12.7mm)
C700-C4396	1.40" x 0.625"	(35.6mm x 15.9mm)
C700-C4397	1.60" x 0.870"	(40.6mm x 22.1mm)
C700-C4398	2.75" x 0.625"	(69.9mm x 15.9mm)
C700-C4399	1.50" x 0.50"	(38.1mm x 12.7mm)
C700-C4400	1.50" x 1.50"	(38.1mm x 38.1mm)
C700-C4401	2.50" x 1.00"	(63.5mm x 25.4mm)
C700-C4402	3.00" x 1.00"	(76.2mm x 25.4mm)
C700-C4403	2.00" x 1.00"	(50.8mm x 25.4mm)
C700-C4404	2.00" x 0.50"	(50.8mm x 12.7mm)
C700-C4405	3.00" x 0.50"	(76.2mm x 12.7mm)



In addition to the above, any size of graphite head can be supplied as non-standard

Replacement Handle/Electrolyte Holder complete with flexible cap



Basic Hand Markers

Graphite Electrode with plain nylatron handle.

Marker Head Sizes

C4393HM	1.00" x 0.25"	(25.4mm x 6.4mm)
C4394HM	1.75" x 0.75"	(44.5mm x 19.1mm)
C4395HM	1.20" x 0.50"	(30.5mm x 12.7mm)
C4396HM	1.40" x 0.625"	(35.7mm x 15.9mm)
C4397HM	1.60" x 0.870"	(40.6mm x 22.1mm)
C4398HM	2.75" x 0.625"	(69.9mm x 15.9mm)
C4399HM	1.50" x 0.50"	(38.1mm x 12.7mm)
C4400HM	1.50" x 1.50"	(38.1mm x 38.1mm)
C4401HM	2.50" x 1.00"	(62.5mm x 25.4mm)
C4402HM	3.00" x 1.00"	(76.2mm x 25.4mm)
C4403HM	2.00" x 1.00"	(50.8mm x 25.4mm)
C4404HM	2.00" x 0.50"	(50.8mm x 12.7mm)
C4405HM	3.00" x 0.50"	(76.2mm x 12.7mm)



Spare Graphite Electrodes For All Markers or Earthing Heads

C4393	1.00" x 0.25"	(25.4mm x 6.4mm)
C4394	1.75" x 0.75"	(44.5mm x 19.1mm)
C4395	1.20" x 0.50"	(30.5mm x 12.7mm)
C4396	1.40" x 0.625"	(35.7mm x 15.9mm)
C4397	1.60" x 0.870"	(40.6mm x 22.1mm)
C4398	2.75" x 0.625"	(69.9mm x 15.9mm)
C4399	1.50" x 0.50"	(38.1mm x 12.7mm)
C4400	1.50" x 1.50"	(38.1mm x 38.1mm)
C4401	2.50" x 1.00"	(62.5mm x 25.4mm)
C4402	3.00" x 1.00"	(76.2mm x 25.4mm)
C4403	2.00" x 1.00"	(50.8mm x 25.4mm)
C4404	2.00" x 0.50"	(20.8mm x 12.7mm)
C4405	3.00" x 0.50"	(76.2mm x 12.7mm)

C4406 13mm diameter (Earthing Head only)



Photographic Stencils

XL Stencil

Below is a selection of some of the most popular sizes of our long life stencils. Many more sizes are available and a complete list can be provided on request.

Multiple-impression stencils:

2" x 7"	(51mm x 178mm)
2" x 9"	(51mm x 229mm)
2" x 10"	(51mm x 254mm)
2.5" x 7"	(63mm x 178mm)
2.5" x 9"	(63mm x 229mm)
2.5" x 10"	(63mm x 254mm)
3" x 7"	(76mm x 178mm)
3" x 9"	(76mm x 229mm)
3" x 10"	(76mm x 254mm)
3" x 11"	(76mm x 280mm)
3" x 12"	(76mm x 305mm)
3" x 13"	(76mm x 330mm)
4" x 8"	(100mm x 200mm)
4" x 9"	(100mm x 229mm)
4" x 10"	(100mm x 254mm)
4" x 11"	(100mm x 280mm)
4.5" x 9"	(114mm x 229mm)
6" x 9"	(153mm x 229mm)
6" x 10"	(153mm x 254mm)
7" x 10"	(178mm x 254mm)



Single-impression stencils:

3" x 2"	(75mm x 50mm)
3" x 3"	(75mm x 75mm)
3.5" x 2.5"	(87mm x 62mm)
4" x 3"	(100mm x 75mm)
4.5" x 4"	(114mm x 100mm)
4.5" x 4.5"	(114mm x 114mm)
5" x 4"	(125mm x 100mm)
7" x 7"	(178mm x 178mm)



Stencil Caps

Stencil caps are long life stencils formed to fit over your marker head.



All photographic stencils are charged according to the total area of the stencil material, not the area of the impression.

Stencil prices do not include the cost of the art- and photographic work which is required initially but is a non-recurring charge.

XL Stencils mounted in thin clear plastic frames:

Below is a selection of some of the most popular sizes. Other sizes are available and a complete list can be provided on request:



CODE	MARKING AREA		FRAME SIZE
AAB	31mm x 13mm	(1.2" x .5")	51mm x 70mm
AAC	39mm x 13mm	(1.5" x .5")	57mm x 70mm
AAD	45mm x 20mm	(1.75" x .75")	72mm x 95mm
AAJ	41mm x 23mm	(1.6" x .870")	61mm x 95mm
ABP	70mm x 16mm	(2.75" x .625")	88mm x 74mm
AAV	39mm x 39mm	(1.5" x 1.5")	113mm x 147mm
AAL	75mm x 13mm	(3" X .5")	95mm x 70mm
AAR	50mm x 25mm	(2" x 1")	124mm x 137mm
AAA	50mm x 50mm	(2" x 2")	124mm x 162mm
ABX	50mm x 75mm	(2" x 3")	124mm x 187mm
AAZ	62mm x 62mm	(2.5" x 2.5")	136mm x 174mm
AAK	75mm x 50mm	(3" x 2")	149mm x 162mm
ABB	75mm x 75mm	(3" x 3")	149mm x 187mm
ADZ	75mm x 150mm	(3" x 6")	149mm x 262mm
ABA	100mm x 50mm	(4" x 2")	174mm x 162mm
ABU	100mm x 100mm	(4" x 4")	174mm x 212mm
ACS	125mm x 75mm	(5" x 3")	199mm x 187mm
AEM	125mm x 125mm	(5" x 5")	199mm x 237mm
ABO	150mm x 100mm	(6" x 4")	224mm x 212mm
ADN	150mm x 150mm	(6" x 6")	224mm x 262mm
ADU	178mm x 75mm	(7" x 3")	252mm x 187mm
ADP	178mm x 125mm	(7" X 5")	252mm x 237mm
ADL	254mm x 75mm	(10" x 3")	328mm x 187mm

Stencil Paper

Stencil Paper can be cut by writing, typing, die impressing, or can be prepared using computer software together with a dot-matrix printer. It is ideal for occasional users, for short production runs and serial numbering. Quantity discounts on application.



Blue Stencil Paper:

C9001	Pack of 100 sheets 2.5" x 7.0"	(64mm x 178mm)
C9002	Pack of 100 sheets 3.75" x 7.0"	(95mm x 178mm)
C9003	Roll 2.5" x 20 ft.	(64mm x 6.1M)
C9004	Roll 3.75" x 20 ft.	(95mm x 6.1M)
C9009	Pack of 10 sheets A4 size	(210mm x 297mm)
C9010	Roll 8.25" x 20 ft.	(210mm x 6.1M)
C9011	Roll 3" x 20ft	(76mm x 6.1M)
C9012	Roll 2.5" x 30ft	(64mm x 9.15M)
C9013	Roll 2.5" x 50ft	(64mm x 15.25M)
C9014	Roll 3.75" x 50ft	(95mm x 15.25M)
C9016	Pack of 20 sheets 2.5" x 11.5"	(64mm x 297mm)
C9017	Pack of 20 sheets 3.75" x 11.5"	(95mm x 297mm)

Indigo Stencil Paper:

IND9001	Pack of 100 sheets 2.5" x 7.0"	(64mm x 178mm)
IND9002	Pack of 100 sheets 3.75" x 7.0"	(95mm x 178mm)
IND9003	Roll 2.5" x 20 ft.	(64mm x 6.1M)
IND9004	Roll 3.75" x 20 ft.	(95mm x 6.1M)
IND9009	Pack of 10 sheets A4 size	(210mm x 297mm)
IND9010	Roll 8.25" x 20 ft.	(210mm x 6.1M)
IND9011	Roll 3" x 20ft	(76mm x 6.1M)
IND9012	Roll 2.5" x 30ft	(64mm x 9.15M)
IND9013	Roll 2.5" x 50ft	(64mm x 15.25M)
IND9014	Roll 3.75" x 50ft	(95mm x 15.25M)
IND9016	Pack of 20 sheets 2.5" x 11.5"	(64mm x 297mm)
IND9017	Pack of 20 sheets 3.75" x 11.5"	(95mm x 297mm)

Orange Stencil Paper:

ORG9001	Pack of 100 sheets 2.5" x 7.0"	(64mm x 178mm)
ORG9002	Pack of 100 sheets 3.75" x 7.0"	(95mm x 178mm)
ORG9003	Roll 2.5" x 20 ft.	(64mm x 6.1M)
ORG9004	Roll 3.75" x 20 ft.	(95mm x 6.1M)
ORG9009	Pack of 10 sheets A4 size	(210mm x 297mm)
ORG9010	Roll 8.25" x 20 ft.	(210mm x 6.1M)
ORG9011	Roll 3" x 20ft	(76mm x 6.1M)
ORG9012	Roll 2.5" x 30ft	(64mm x 9.15M)
ORG9013	Roll 2.5" x 50ft	(64mm x 15.25M)
ORG9014	Roll 3.75" x 50ft	(95mm x 15.25M)
ORG9016	Pack of 20 sheets 2.5" x 11.5"	(64mm x 297mm)
ORG9017	Pack of 20 sheets 3.75" x 11.5"	(95mm x 297mm)

Felt Pads, Electrolytes

Ready-cut Felt Pads and Nylon Felt Cover for use in Stencil Caps and Marker Caps:

Black Felt Pads:

Up to 45mm x 20mm (per pack of 10)
Up to 75mm x 20mm (per pack of 10)

Up to 80mm x 30mm (per pack of 10)
Up to 100mm x 30mm (per pack of 10)

Nylon Felt Cover Pieces:

Up to 45mm x 20mm (per pack of 10)
Up to 75mm x 20mm (per pack of 10)
Up to 80mm x 30mm (per pack of 10)
Up to 100mm x 30mm (per pack of 10)

Felt Pads - Grade I or Grade II

Up to 45mm x 20mm (per pack of 10)
Up to 75mm x 20mm (per pack of 10)
Up to 80mm x 30mm (per pack of 10)
Up to 100mm x 30mm (per pack of 10)

Old Style Pads for use with Basic Hand Markers (per pack of 10):

Felt	Wire Mesh	
For C4393HM Hand Marker	C4393/	C4393/1W
For C4394HM Hand Marker	C4394/	C4394/1W
For C4395HM Hand Marker	C4395/1F	C4395/1W
For C4396HM Hand Marker	C4396/1F	C4396/1W
For C4397HM Hand Marker	C4397/1F	C4397/1W
For C4398HM Hand Marker	C4398/1F	C4398/1W
For C4399HM Hand Marker	C4399/1F	C4399/

Pad and/or Stencil Retaining Rings (per pack of 5):
(Please state marker head size when ordering)

Up to Marker Head size: 1.75" x 0.75"
 3.00" x 1.00"

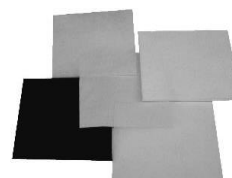
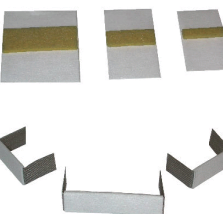
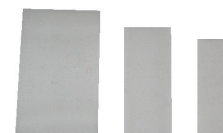
As an alternative to ready-made pads, the following Pad Material can be cut to the requisite size:

C4351/10	Polar Paper, 10 sq.ft.
C4354/2	Electrolyte Pad, 2 sq. ft. Grade I and Grade II
C4354/10	Electrolyte Pad, 10 sq. ft. Grade I and Grade II
1 sheet	Black Felt, A4 size
1 sheet	Nylon Felt Cover, A4 size

Electrolyte and Neutralyte Solutions

Electrolyte and Neutralyte solutions are available in 1 litre, 5 litre and 25 litre containers.

For details, please refer to our Electrolyte and Neutralyte Guide
FOR OTHER ADVICE ABOUT OUR ELECTROLYTES AND NEUTRALYTES PLEASE SEE INDIVIDUAL SHEETS



Jigs & Fixtures

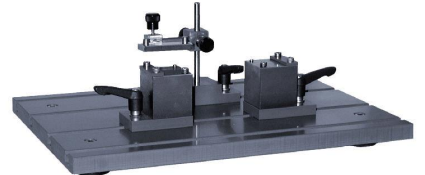
JIGENC3 Earthing Probe

C4317/1 Single Earth Lead for above with 4mm plug connection for Power Unit and terminating with 4mm banana plug. 1 metre standard length



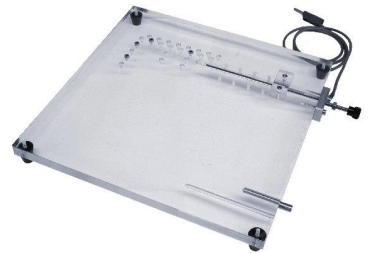
Hand-Etch Jig

11.210.010 complete for use with Stencils mounted in clear acetate frames, including 2 stainless steel jiggling blocks and Stencil Jig X-Y-Z



Special Jig for Stainless Steel Nameplate marking

JIGENA39 Especially useful where information completely fills the nameplate area, since a feature of the Jig is that it can lock the nameplate rigid thus avoiding movement whilst marking.



'V' Jig

JIGENA37/1 16mm wide x 100mm long stainless steel 'V' section, mounted on a raised perspex stand. Suitable for marking round components.



Small Component Positioning Jig

For easy location of the mark on small components when hand marking. The jig provides adjustment of the components in the X-Y plane in addition to rotational movement.



Accessories for L.P. Flow Etch Machine

Flat Marking Heads: Standard size plug-in Graphite Electrodes for L.P. Flow-Etch Mark III

11.42.4010	401/FE	50mm x 30mm
11.42.4020	402/FE	75mm x 45mm
11.42.4030	403/FE	100mm x 30mm
11.42.4040	404/FE	125mm x 45mm
11.42.4050	405/FE	80mm x 30mm
11.42.4060	406/FE/GB	30mm x 30mm

For L.P. Flow-Etch Mark II

420/LP Complete Marking Head including any one of our standard size graphite electrodes

Plug-in Graphite Electrodes for Marking Head 420/LP can also be ordered separately - size and price details available on request

for 400/LP Series (old style) for L.P. Flow-Etch Mark I

Flat Marking Heads complete, including one of our standard graphite electrodes - size and price details available on request

Stencil Covers: (per pack of 5)

S/401/LP	30mm x 50mm
S/402/LP	45mm x 75mm
S/403/LP	30mm x 100mm
S/404/LP	45mm x 125mm
S/405/LP	30mm x 80mm
S/406/LP	30mm x 30mm

Felt Keepers:

H/401/LP	30mm x 50mm
H/402/LP	45mm x 75mm
H/403/LP	30mm x 100mm
H/404/LP	45mm x 125mm
H/405/LP	30mm x 80mm
H/406/LP	30mm x 30mm

Contoured Marking Heads:

Used for marking round components complete with any one of our standard sizes of graphite electrode, contoured as required:

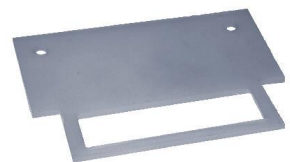
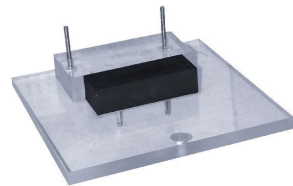
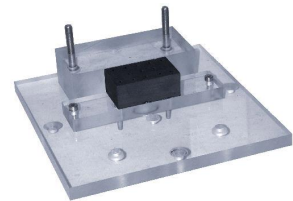
300/LP Complete Marking Head

Graphite Electrodes for Marking Head 300/LP can be ordered separately. Size and price details available on request

Please specify diameter of components when ordering.

In addition, other sizes of graphite electrodes are available as non-standard

11.23.4010 L.P. FIX



11.23.5190 JIGENF1 L.P. FIX finger only

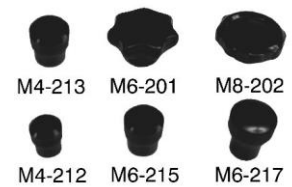


JIGENF10 Thread/Nut/Knob Assembly for L.P. Fix Finger



L.P. ThumbScrews:

M4-212
M4-213
M6-201
M6-215
M6-217
M8-202



11.23.0090 Back Stop Complete



11.23.0100 Back Stop Slider



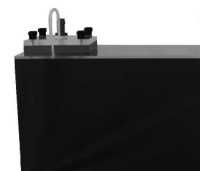
11.23.0140 FEP 1250 Flow Etch Pump



11.23.0030 L.P. Flow Etch Electrolyte Container Complete with pump

11.23.0040 L.P. Flow Etch Electrolyte Container only with lid

L.P. Flow Etch Electrolyte Container only
Not including lid



O' Ring for Electrolyte Container



Through-Flow Tap for Electrolyte Pipe



Air Pressure Gauge



JIGENA22 Air Cylinder for L.P. Flow-Etch



3" dia. Filters for L.P. Flow-Etch Electrolyte Container
(per pack of 2)



Accessories for Modulmat Machine

11.22.2800 200-240V Variable Peristaltic Pump



Silicon Tubing for Peristaltic Pump:

3.5mm I.D. - 60cm length
4.0mm I.D. - 60cm length
5.0mm I.D. - 60cm length



Connector for above tubing



Accessories for Modulmat/Airmatic/Electromatic Marking Machines:

Standard Graphite Machine Marking Heads are detailed in section 'SPARE GRAPHITE ELECTRODES FOR ALL MARKERS OR EARTHING HEADS' - Page 4

JIGENF21/MH Machine Marker Adaptor



JIGENF21/EH Earthing Head Adaptor



JIGENG33 - Air Cylinder - Modulmat/Airmatic



Plastic Electrolyte Feed Tube - 1 metre length



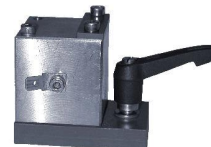
Electrolyte Feed Tube Fitting for Marker Head



11.26.0050 Stencil Adjusting Device X-Y-Z

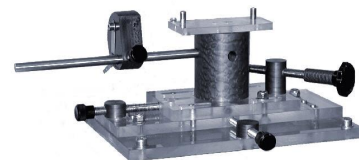


01.22.000 Stainless steel jigging block complete with clamp and 'T' bolt



Small Component Positioning Jig: Ref: **JIGENG34**

Suitable for fitting to the EMP and MODULMAT semi-automatic marking machines for easy location of the mark on small components. The jig provides adjustment of the components in the X-Y plane in addition to rotational movement.



Miscellaneous Accessories

Marker Caps Various sizes, available in a pack of 10



Footswitch Set



Abrasive Block for removing electrolytic marks



11.45.0750

Roller Marker 75mm wide



11.45.2000

Roller Marker 200mm wide



Electrolyte Dispensing Tray with sponge

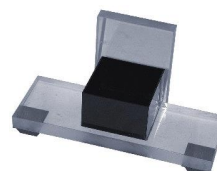


Replacement Sponge for above



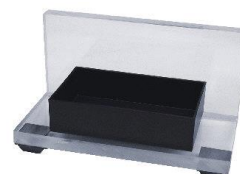
JIGENG16(S)

Marker Stand (small)



JIGENG16(L)

Marker Stand (large)



Replacement PCB for UNTIMED Power Unit



Replacement PCB for TIMED Power Unit

