

### KEMWELDER III a smaller light duty welding machine.

#### Technical Data

#### Welding Apparatus

Electrical supply: 230V  $\pm$ 5% 50Hz  $\pm$ 1%.  
 Output voltage: 0-10V.  
 Max Power  
 Consumption: 800W  
 Max Output Current: 2500 amp.

#### The New Control Unit is upgraded as follows:

Welding Current	Cycle Time	Frequency
Up to 1,500A	100ms	10.0Hz
Up to 1,800A	200ms	5.0Hz
Up to 2,200A	250ms	4.0Hz
Up to 2,500A	400ms	2.5Hz

Cycle Time Range: 0.1 - 1.0 seconds.  
 Protection against overload.  
 Air cooling by automatic fan.  
 Bayonet cable connectors.

Continuous Sound  
 Pressure level: < 70 dB (A)

Dimensions: 365mm (length), 180mm  
 (width), 280mm (height).

Weight: 21.7kg.



#### Materials to be worked with

Sheet Metal Strips: 0.3mm  
 Wires: 0.6mm  
 Powders: -

#### KEMWELDER CONSUMABLES

Consumables			Code
Metallic Strip: Rigor	5mm x 0.2mm x 1000mm.		339014
	HPM-31 5mm x 0.2mm x 1000mm.		339015
	HPAX-1 5mm x 0.1mm x 1000mm.		339007
	HPAX-1 5mm x 0.2mm x 1000mm.		339004
	HPAX-2 5mm x 0.1mm x 1000mm.		339003
	HPAX-2 5mm x 0.2mm x 1000mm.		339013
Metallic Powder:	HAP-40 40g.		339011
	NAK-80 40g.		339009
	Z-943 40g.		339008
Paste:	NAK-80 40g.		339032
	Z-943 40g.		339033
Electrodes:	Copper Alloy 2mm dia x 25mm.		ES01-2025Cu
	Copper Alloy 3mm dia x 25mm.		ES01-3025Cu
	Copper Alloy 4mm dia x 25mm.		ES01-4025Cu
	Copper Alloy 2 x 4 x 25mm.		ES01-2425Cu
	Magnetic. 3mm dia x 25mm.		ES01-3025M
	Magnetic. 4mm dia x 25mm.		ES01-4025M

#### KEMWELDER III

Machine Contents	Code
Foot Switch. Electrode Holder plus cable. Copper Earth Plate plus cable. Copper Alloy Electrodes (2mm dia, 3mm dia, 4mm dia). Magnetic Electrode (4mm dia). Copper Alloy Electrode Blade Type (2x4mm). Welding Strip (0.1 x 20mm, 0.2 x 20mm). Stainless Wire (0.6mm). 50g Magnetic Powder. Hardness Testing Kit. Spanner, Safety Glasses, Safety Gloves. Toolbox.	

#### SPARES & ACCESSORIES

Contents	Code
Hardness Testing Kit.	339027
Foot Switch.	FS01-200
Electrode Holder.	EH01-000
Electrode Holder Cable.	NK01-250
Earth Plate and Cable.	EK01-100
Extension Cable.	VK01-100