ELECTRO-WAND EW10

PREPARING THE ELECTRO-WAND EW10 FOR OPERATION

The EW10 is supplied with a clamping earth lead, wand assembly and insert. The insert is located at the end of the wand assembly, the pads /socks are fitted over the insert.

With the EW10 an empty 0.5 litre container is provided, fitted with a "delivery nozzle". A funnel is also included. The operator fills the container with "Electro-Wand" solution. The delivery nozzle is then fitted to the container. The operator applies pressure to the container, producing a flow of solution. This should be directed onto the pad that has already been placed over the insert.

METHOD OF ACTUAL WELD CLEANING

The clamping earth lead is applied to the piece of stainless steel that is being worked on. The EW10 is switched on and the pad, loaded with solution is applied to the metal.

A few light strokes will ensure that the weld discolouration is removed.

Always arrange to have a bucket of clean water and sponge available. After removing the weld discolouration, dip the sponge in the water and wipe over the area of stainless steel that has been worked on. This will remove any excess solution, so avoiding any superficial residue markings on the finished metal.

IMPORTANT ADVICE ON THE OPERATION OF THE ELECTROWAND

When the machine is not in use the rocker switch at the front of the machine is set to "OFF" (centre position).
Push the switch up to the AC position for normal use.
Push the switch down to the DC position for work on delicate or fine pieces. The DC position is also used for etching.
Contact your supplier for further information and supplies of suitable materials.

Always try to avoid saturating the pad with cleaning solution. The pad only needs to be lightly moistened. This will also help to prolong the life of the pad.

Never apply force to the EW10's wand assembly. Only a gentle "tickling" action is required for the electrolytic process to work. Hard rubbing will considerably reduce the life of the cleaning pad.

TECHNICAL INFORMATION

Transformers fitted to EW10 are as follows:

240v 50/60Hz	effective input range 210v to 240v
110v 50/60Hz	effective input range 100v to 115v

i.e. input 240v to 240v machine, output 30v
Input 220v to 240v machine, output 27v, loss 10%
The same scenario applies to the 110v machine

Each specification (110v & 240v) has it's own transformer designed to operate at approximately 400VA

Input power for 240v machine is 2 amps
Input power for 110v machine is 4 amps

SPECIFICATIONS

	EWC-010	EWCL-010
Input Power	240V 50/60Hz	110V 50/60Hz
Output	400 W	400 W
Dimensions	260 x 140 x 190mm	260 x 140 x 190mm
Weight	9Kg	9Kg
Torch Length	3 Metres	3 Metres