

CIR KIT WELD 450

Inspection and circuit repair unit for bare or assembled PCB's with revolving microscope for 7x and 15x inspection purposes, with welder for the repair of circuit lines from 0,05 mm width and more. For Multilayer inner layers, flexible circuits and other fine line welding.

The use for inspection purposes.

The excellent, three dimensional microscope is able to do all kind of inspection work on circuits and components. The big surface of the base table guaranties easy positioning of the work and can be opened for a steady rest to repair assembled boards.

The use for circuit repair work.

The precision welder allows approved repair of circuit lines from 0,05 mm up, damaged pads and the modification of circuitry. Copper repair ribbons with a silver flash supplied in 50 m coils, will guaranty a perfect connection that will stand up to all normal temperatures. It is also possible to do any type of soldering after repair.

All quality standards are possible.

All production processes like galvanic tin with reflow, hot air levelling, roll tinning is possible after the welding and solder protection of the repaired crack. The repaired circuits correspond with the following regulations DIN, BS, MIL and internal. The welding is safe and without residue.

General advantages

- Easy and simple operation, 99 programmable weld rates for circuits, digital display.
- Repairs circuits from 0,05 mm up.
- Enough room for big panels up to 760 x 760 mm.
- Good optic and light source to work without tiring.
- High operation safety because of low operation voltage.
- Hold down pressure with control clamping, PCB thickness is adjusted automatically.
- Nice design with integrated microscope 7,5 and 15 times enlargement.
- Tool deposit is integrated with accessories.
- Weld 450 is without technical competition with short current and weld times.
- Burning of base material is eliminated.
- Elektrode smear warning for quality insurance.



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TECHNICAL DETAILS 21.1850 CIRKIT WELD 450

Program memories 99 with manual override and automatic resistance parameter correction.

Automatic weld cycle after control clamping of the ribbon the release with foot switch.

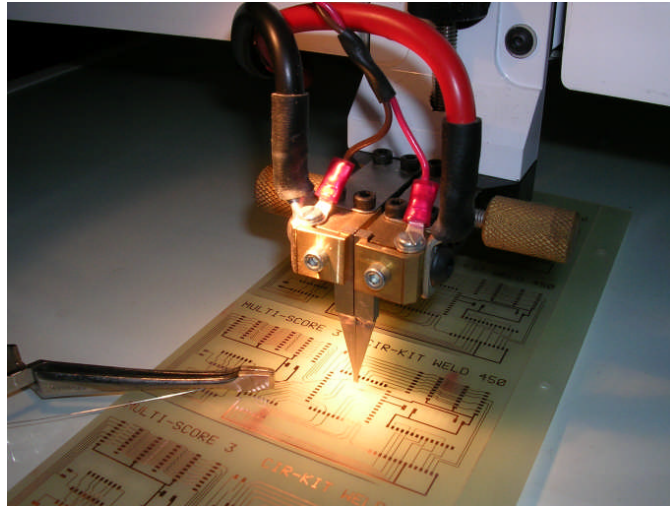
Output current 0 - 500 Amp selectable

Weld time 0,2 - 29 ms selectable

Electric 220V, 50Hz, 1,5A

Weight: 58 kg

Dimensions: D x W x H = 786 x 660 x 500 mm



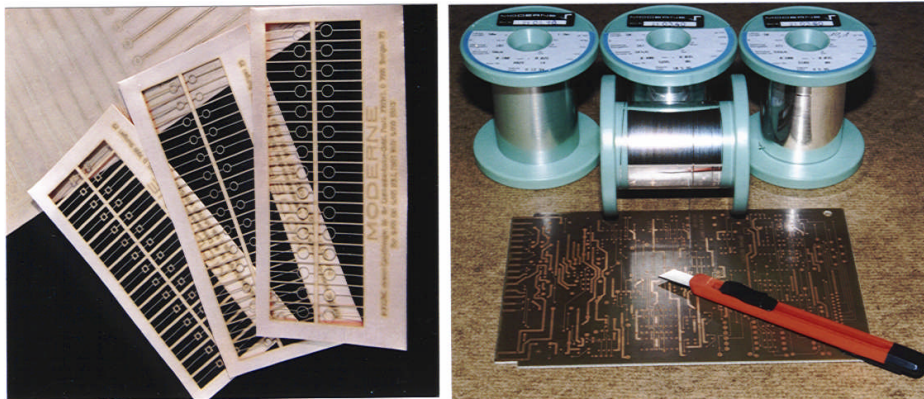
STANDARD ACCESSORIES Article no. 21.1850, CIR KIT WELD 450

Revolving microscope. Practical tools for the ribbon handling.

ACCESSORIES, see price list 21h

Molybdenum electrodes in 4 different sizes can be also used for other welders. We supply repair ribbons in 50 m rolls with different width and thickness. Standard is copper ribbons with silver flash against oxidation and for better copper flow and connection. Other types are available.

Laser cut form ribbons for special dimensions to film specification.



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