



Micro Strip Welder



COLD REPAIR

- **Plastic Injection Moulds**
- **Sheet Metal Progressive Tools**
- **Plastic Extrusion Dies**
- **Casting Defects**

Micro Strip Welder helps reduce cost and improve production quality in many areas, such as plastic moulds, casting, stamping and plastic Extrusion dies and many other industries that have problems of surface defects in ferrous metal or needs rapid build up without heating the parent metal

Micro Strip Welder uses a micro-resistance welding process. The heat is generated by the passage of electrical current through the joint of the workpiece and the welding strip of thickness varying from 0.05 to 0.20 mm. The heat is intelligently controlled to be large enough to fuse the material locally and form a nugget at the interface, and small enough not to anneal or quench the workpiece. This welding technique is better than conventional weld repair methods in many aspects:

Firm: Complete metallurgy combination, the welded area can sustain milling, turning, filing or grinding.

Precise: Uses welding strip thickness from 0.05mm to 0.20 mm No welding material wastage.

Wide Application: All kinds of moulds, dies, castings, hardware made of ferrous metal.

Intelligent Power Distribution: Microchip automatically allocate best power for different settings.

Minimum Thermal Effect: The workpiece remains in normal temperature during welding.

Technical Specifications

- Applicable Materials: Ferrous metal
- Electric current: Single-phase 220V±20% 50Hz
- Power: 5W—600W
- Instantaneous power: Max >30KW
- Mode: 5 modes, from mode 0—mode 4
- Machine size: 360×150×200mm³
- Machine Weight 8Kg

Marketed By:

Radiant Safeway Pvt.Ltd.

NH-II Basement, C-Block Community Center, Naraina Vihar, New Delhi – 110 028, India

Tel: 91-11-47528742, 91-9810299598 Fax: 91-11-47528742

Email: radiantsafeway@vsnl.com URL: www..radiantsafeway.com