



## Microplasma 25-2

090-007030-00502



- **Standard gas metering unit for plasma gas and shielding gas:**
  - Plasma gas setting range 0.1 l/min to 0.9 l/min
  - Shielding gas setting range 1.0 l/min to 17 l/min
  - Microplasma welding machine with standard gas metering unit
- **Welding procedures and functions**
  - Plasma and TIG welding
  - Plasma and pulsed TIG welding
  - Plasma and pulsed TIG welding up to the kHz range allow a high welding speed with minimal heat input using a constricted arc
  - Plasma and TIG welding current adjustable in 0.1 A increments
  - Pilot arc current separately adjustable for start phase, welding phase, end-crater and welding break
  - Temperature, flow and pressure monitoring for the coolant circuit
  - Non-latched/latched operation
  - Spot welding/tack function (spotArc/spotmatic)
  - Adjustable up-slope and down-slope time
  - Spotmatic – reduce the time required for tacking by up to 50% (TIG only)
  - Adjustable gas pre- and post-flow time
- **Your benefits**
  -  No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works
  - Non-interchangeable connections for all mediums
  - Welding torch connection using quick connect coupling
  - Connection capability for remote control
  - Two system bus connections (e.g. for ewm Xnet)
  - All control elements and connections for welding torches, remote controls and workpiece leads are directly accessible on the front of the machine
  - Microplasma and Cool 50 MPW50, mobile with Trolley 55-6
  - No additional mains connection required for cooling unit. Power supply to the Cool 50 MPW50 via the Microplasma
  - Alternatively, at high currents, duty cycles and ambient temperatures, a separate recooling unit can be used (the recooling unit does not fit under the Microplasma or on the Trolley 55-6)
  - Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
  - 3.5 m mains supply lead with 16 A shock-proof plug
  - Always read the information in the operating instructions of the relevant welding torch and welding machine before carrying out any welding.

Version	Microplasma 25-2
Setting range for welding current	0.3 A - 20 A
Duty cycle 40 °C	20 A / 100 %
Open circuit voltage	95 V
Mains voltage	1 x 230 V
Tolerances	-40 % up to +15 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	2 kVA
Protection classification	IP23
Test mark	
EMC class	A
Dimensions (L x B x H)	625 mm x 377 mm x 531 mm
	24.6 inch x 14.8 inch x 20.9 inch
Weight	36.2 kg
	79.8 lbs
Standards	IEC 60974-1, -3 and -10 CL.A