

## Micro Plasma Welding Machines



- Superior Welding Quality With IGBT Based Inverter Power Source Works on Single Phase.
- Electronic High Frequency. Start.
- High Open Circuit Voltage for Good ARC Striking and for Good Welding Quality
- Low Gas, No Water & High Temp. protection
- Up Slope/Down Slope & Pulsing On/Off Selectivity.
- Stepless Setting For Welding Current as Well as for Pilot.
- Welding Current Can be Set Locally or With Remote Control
- Actual Welding Current & Pilot Arc Current can be Seen on Front Panel Digital Display

## Klein Schweisser 50 Micro Plasma

<b>MODEL NO.</b>	<b>Klein Schweisser 50 Micro Plasma</b>
<b>Power source</b>	IGBT Based Inverter Supply 1 phase 50 HZ
<b>Input Supply</b>	220 Volts A/C , 1 Phase, 50 Hz
<b>Main ARC Open Circuit Voltage</b>	100 VDC. Max
<b>Main ARC Current</b>	0.5 Amp to 50 Amps. DC
<b>Pilot ARC Open Circuit Voltage</b>	< 100 Volts DC
<b>Pilot ARC Current</b>	1 Amp to 5 Amps. DC.
<b>ARC Starter</b>	Electronic High Frequency
<b>Class of Insulation</b>	H Class
<b>Cooling</b>	Forced Air Cooled With Fod System
<b>Protection</b>	IP 21
<b>Pilot Gas Supply</b>	Argon, 25 Psi at 0.1 to 1.0 lit/min
<b>Shielding Gas Supply</b>	25 Psi at 1 to 8 lit/min pure Argon or Various mixtures as determined by desired Arc characteristics & metallurgy of the work material

## Micro Plasma Welding Torch

<b>Details</b>	<b>Micro Plasma Welding Torch</b>
<b>Main Current Capacity</b>	1 to 25 Amps
<b>Pilot Arc Current Capacity</b>	1 to 5 Amps
<b>Tungsten Size</b>	1.00 mm to 2.4 mm dia
<b>Nozzle Size</b>	1.0mm, 1.2mm 1. mm 1.8mm dia
<b>Cooling</b>	Water Cool
<b>Cable Length</b>	3 meters

## Special Machine Features

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- Low Gas, No Water & High Temp. protection
- Up Slope/Down Slope & Pulsing On/Off Selectivity. Stepless Setting For Welding Current as Well as for Pilot.
- Welding Current Can be Set Locally or With Remote Control
- Actual Welding Current & Pilot Arc Current can be Seen on Front Panel Digital Display
- Equipped With pre Flow, Post Flow, up Slope, Down Slope Base Current as well as Pulsing Current Controls
- Logic Fail Protection (Ensures IGBT Safety.)
- High Efficiency More than 92%
- AAT Mode( Auto Arc Transfer) Facility.
- 2T/4T Mode Selectivity.
- Weld Time Set Facility on Request