

# MICRO TIG WELDING MACHINES



## Features

- Digital technology with 99 programme facility.
- PLL based closed loop system for highly stable arc.
- Milli - second square wave correction technique for fast correction of welding current irrespective of arc length or input voltage variation

Model	: MT-25	MT-50
<b>Input Power</b>	:	
Volts	: 220 V±10 %	220 V±10 %
Phase / Frequency	: 1 P /50-60 Hz	1 P /50-60 Hz
Input KVA	: 1.1	2.2
Input Kw	: 0.95	1.9
Power Factor	: 0.95	0.95
<b>Output Power</b>	:	
Maximum Output	: 25 A	50 A
Current Range	: 1- 25 A	1-50 A
Current Control	: Stepless	Stepless
Duty cycle	: 100%	100%
Display (Digital)	: AMP/ Volt	AMP/ Volt
Pulsing Parameter	:	
Base current	: 1 to 25	50 amp
Peak current	: 1 to 25	50 amp
Pulse frequency	: 1 to 10 Hz	1 to 10 Hz
Pulse Duty	: 10 to 90 %	10 to 90 %
Up Slope	: 0 - 10 Sec.	0 - 10 Sec.
Down Slope	: 0 - 10 Sec.	0 - 10 Sec.
Pre Flow	: 0 - 10 Sec.	0 - 10 Sec.
Post Flow	: 0 - 10 Sec.	0 - 10 Sec.
Dimension In mm	:	
W x H x L mm	: 490x660x670	490x660x670
Weight Kgs (Approx)	: 45 Kgs	65 Kgs



IGBT inverter based with integrated hf start system. PLC sequencer for automatic operation and integration with welding lathe / positioner / turntable / linear welding fixture etc.

**Accessories :** Micro tig torch hand or machine mounting models, earthing clamp with cables, ceramic cups, collets, back caps, tungsten rods, purging dams, custom made jigs and fixtures for job / torch clamping or movement etc.

**Welding Automation Range of Products :** • Welding Gun • Oscillator ( weld weaver ) • Cold wire feeders • Seam trackers • AVC • Cameras and video displays • X-Y slides ( manual and motorized ) • Welding turntables • Welding positioners • Welding Turning Rolls • Welding lathes • Column and boom (manipulators )

Represented by :



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Note : Specifications subject to change without notice