



TIG & MICRO TIG WELDING MACHINES



Features:

- IGBT inverter based with analog controls & integrated HF arcing system**
- High Frequency Ignition** – Built-in high frequency ignition
- Stable Arc** – PLL based closed loop system for highly stable arc
- Pulsing Facility** – Fully fledged pulsing facility
- Wave Correction Technique** – Milli - second square wave correction technique for fast correction of welding current irrespective of arc length or input voltage variation
- Digital Version** – Digital version available on demand with computer interface for automatic welding with turntable / welding lathe / linear welding automation as required.

Automated TIG Welding for highest quality & maximum productivity



Torch, Cable and Consumables



TIG Welding Automation



URS is a member of Registrar of Standards (Holdings) Ltd

Specifications:

Model	Micro TIG Welding		TIG Welding			
	MT-25	MT-50	TIG 150	TIG 200	TIG 300	TIG 400
Input						
Supply (V)	220 +/- 10%	220 +/- 10%	220 +/- 10%	415 +/- 10 %	415 +/- 10 %	415 +/- 10 %
Phase / Frequency (Hz)	1 - Ø / 50 - 60	1 - Ø / 50 - 60	1 - Ø / 50 - 60	3 - Ø / 50 - 60	3 - Ø / 50 - 60	3 - Ø / 50 - 60
Input KVA	1.1	2.2	3.7	7	11.9	17.5
Input KW	0.95	1.9	3.5	6.4	9.2	16.7
Power Factor	0.95	0.95	0.95	0.95	0.95	0.95
Output						
Max Current (A)	25	50	150	200	300	400
Current Range (A)	1 - 25	1 - 50	5 - 150	5 - 200	5 - 300	10 - 400
Current Control	Stepless	Stepless	Stepless	Stepless	Stepless	Stepless
Duty Cycle (%)	100	100	100	100	100	100
Display (A/V)	Digital	Digital	Digital	Digital	Digital	Digital
Pulsing Parameter						
Base Current (A)	1 - 25	1 - 50	5 - 150	5 - 200	5 - 300	10 - 400
Peak Current (A)	1 - 25	1 - 50	5 - 150	5 - 200	5 - 300	10 - 400
Pulse Frequency (Hz)	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Up Slope (Sec)	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Down Slope (Sec)	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Pre Flow (Sec)	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Post Flow (Sec)	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Additional						
Dimension W x H x L(mm)	490 x 660 x 670	490 x 660 x 670	195 x 390 x 430	210 x 320 x 500	260 x 360 x 680	260 x 480 x 680
Weight (Kg)	45	65	21	21	36	55

Acraft offers wide range of Welding, Surface Engineering job work & Testing at our end.

We have,

- In house facilities for trial and job work.
- Column & Boom, Oscillator, Positioner, Welding Lathe, MIG / TIG / PLASMA / SAW / PTA Welding Power source available.
- NDT facilities for MPT, LPT, VT, UT available.
- Trained Welding Engineers, Technicians & ASNT level II personnel for NDT & Quality Analysis.
- Weld process development: Optimum selection of process parameter for all jobs. Preparation and qualification of WPS and PQR.
- Equipment optimization skills and experience: We can also help you optimize equipment selection for your part applications.

Specifications are subject to change without notice

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