

SPECIFICATIONS FOR AC/DC PULSE TIG WELDING EQUIPMENT

MODEL		PULSE TIG 300 AC / DC		PULSE TIG 500 AC / DC	
Input Voltage (2ph)		415 V, 1 Ph, 50Hz			
TIG Arc Starting Method		High Frequency			
Rated input	(KVA)	TIG	30		48
		Stick	25		41
Rated Duty Cycle	(%)		45		60
Max No Load Voltage	(V)		75		75
Initial Voltage (DC TIG)	(V)		95		95
DC Output Current range	(Amp)	TIG	10 - 300		10 - 500
		Stick	20 - 300		30 - 500
AC Output Current range	(Amp)	TIG	20 - 300		30 - 500
		Stick	20 - 300		30 - 500
Rated Load Voltage	(V)	TIG	22		30
		Stick	32		40
Initial Crater filler Current (TIG) (Amp)		DC TIG	10 - 300		30 - 500
		AC TIG	20 - 300		30 - 500
Crater Filler control		ON, OFF, Repeat change over system			
Time interval	(in Seconds)	Up-slope	0.1 - 5		
		Down slope	0.1 - 5		
		Gas pre flow	0.3		
		Gas post flow	3 - 20		3 - 50
		Arc spot timer	0.2 - 5		
Pulse TIG function	(in Seconds)	Pulse	0.03 - 1.5		
		Base	0.05 - 3		
Cleaning width adjustment		Adjusted by changing the A.C. balance spot			
Cooling		Forced Air			
Outside Dimensions W x D x H (mm)		930 x 430 x 950		935 x 530 x 1000	
Mass (approx) (Kgs)		200		310	
WELDING TORCH					
Rated welding Current	(Amp)	DC	300		600
		AC	260		470
Duty Cycle	(%)		100		100
Cooling Method		Gas		Water	
Electrode Size (mm)		1.6, 2.0, 2.4, (3.2) 4.0		1.6, 2.0, 2.4, 3.2, (4.0) 4.8, 6.4	



AUTO TIG FEEDER

MAIN ADVANTAGES :

- Eliminates welder's feeding skill
- TIG welding can be done at MIG speed
- Speed can be varied even during welding
- Great advantages for aluminium welding



REMOTE CONTROLLER

SPECIFICATIONS

Adjustment	0 to maximum current continuous variable
Cable Length	5 meters



WATER COOLING UNIT

SPECIFICATIONS

Input	230 volts, single 0,50 Hz.
Wire size	0.8, 1.2 & 1.6mm.
Speed	0.3 to 4 mtrs./ min.
Cable length	3 mtrs.
Vertical adjustment	± 5 mm
Swiveling wire	240°
Pulsing facility	0.6 to 6 sec.
Delay time for start	0.6 to 6 sec.

SPECIFICATIONS

Suitable for InputSupply	: 230 V
Tank capacity	: 75 Ltrs.
Output signal	: No Contacts
Over all size	: Length 700 mm
	Width 400 mm
	Height 550 mm

Along with built in Radiator, cooling fan, pump motor and pressure switch. JUICE Nov-2003/ City-2000

STANDARD SCOPE OF SUPPLY

Power Source Cable	01 No.
Gas Cooled Torch 4m length of appropriate capacity	01 No.
Argon Regulator cum flow meter	01 No.
Gas Hose 2 mtrs. Length	01 No.
Welding Cable for earthing of 3 mtrs.	01 No.

OPTIONAL ACCESSORIES (AT EXTRA COST)

Remote Control Unit With 4 Mtr.
Water Cooling Unit
Water Colled Torch
Auto Tig Feeding System
Digital Meters

*Standard supply covers roller / contact tips shown in the brackets. Others sizes are optional at extra cost.



MOGORA COSMIC PVT. LTD.

Office : 697, Mohan Nagar, Telco Road, Chinchwad, Pune- 411 019. India
 Phones : + 91 - 20 - 7474687, 7474897 Fax : + 91 - 020 - 7477253
 Email : mogora@vsnl.com., Website : www.mogorafinearc.com

(In view of continuous development, we reserve the right to modify the design and / or dimensions without notice)

