

# INVERTER DC.TIG/ARC WELDER

## WELD SAFE WITH PRIMOTIG

**PRIMOTIG 402(P)**

**PRIMOTIG 502(P)**

**PRIMOTIG 602(P)**

### ADVANTAGE

- ▶ PRIMOTIG series Inverter based Power Sources are highly efficient & Power saver
- ▶ Constant current characteristics irrespective of arc length variation
- ▶ Stepless current variation
- ▶ Excellent welding characteristics and performance
- ▶ Smooth and stable arc with minimum spatter
- ▶ Greater efficiency compared to conventional machines / Thyristorised machines

### APPLICATIONS

- ▶ Ideally suited for Light & Medium Fabricators, Pipelines, Pressure vessel Fabricators & Gas Projects, Petrochemical Projects, Power Plants, Cement Plants sites.
- ▶ Portable, light weight, easy to carry to all terrain project sites.



### PRODUCT SPECIALIZATION

- ▶ DC ARC/TIG/PULSE TIG Applications
- ▶ Inbuilt Gas Preflow/Postflow, Up Slope/Down Slope, Pulsing Facility
- ▶ Inbuilt 2/4 Track facility
- ▶ Good and consistent weld quality.
- ▶ Built-in protection for under voltage, over voltage & over heating
- ▶ No load power < 120 watts
- ▶ Substantial reduction in power consumption
- ▶ Pulsing facility suitable for thin sheet welding

# INVERTER D.C.TIG/ARC WELDER

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## TECHNICAL SPECIFICATIONS

INVERTER D.C.TIG/ARC WELDER				
ASPECT	UNIT	MODEL	MODEL	MODEL
		PRIMOTIG-402(P)	PRIMOTIG-502(P)	PRIMOTIG-602(P)
Rated Input Voltage	Volts A.C	415+/-10%	415+/-10%	415+/-10%
Rated frequency	Hz	50/60	50/60	50/60
Phases	No.	3	3	3
Max. input power at 60% duty cycle	KVA	20	29	37
Max. input current at 60% duty cycle	Amps	30	40	55
Recommended switch / fuse rating	Amps	TP-35	TP-50	TP-60
Output Characteristic		Constant Current	Constant Current	Constant Current
Open Circuit Voltage / OCV (Maximum)	Volts D.C.	75	80	80
Welding current range	Amps D.C.	20-400	20-500	20-600
Welding Current at 60% duty cycle	Amps D.C.	400	500	600
Welding Current at 100% duty cycle	Amps D.C.	310	385	465
Type of Cooling		Forced Air (Fan cooled)	Forced Air (Fan cooled)	Forced Air (Fan cooled)
Class of Insulation		F	F	F
Application suitability	D.C.TIG ARC	upto 400 Amps upto 5 mm Electrodes	upto 500 Amps upto 5 mm Electrodes	upto 600 Amps upto 5 mm Electrodes
Normal D.C. TIG/Pulse TIG Facility		Provided	Provided	Provided
TIG welding current up/down slope time	sec.	In-built	In-built	In-built
Argon gas pre/post flow time setting	sec.	In-built	In-built	In-built
High frequency start circuit		In-built	In-built	In-built
Overall Dimensions (LXWXH)	mm	540 x 290 x 490	600 x 300 x 580	630 x 320 x 580
Approx.net weight	Kg.	32	32	43
Handle,Digital Ampmeter		Standard scope of supply	Standard scope of supply	Standard scope of supply
Trolley		Optional	Optional	Optional
For Applications above 200amps				
Water Cooling Unit	8ltrs	Optional	Optional	Optional
Water Cooled Tig Torch	4/8mtrs.	Optional	Optional	Optional

Manufactured By :

**REXEL REALLY!**  
EXCELLENT!



**Ace Weld Engineers**

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