

# INVERTER Co<sub>2</sub> MIG/MAG & ARC WELDER

## WELD SAFE WITH PRIMOUNI

PRIMOUNI 302

PRIMOUNI 402

PRIMOUNI 602

### ADVANTAGE

- ▶ Real Work Horse with high MTBF.
- ▶ Pre-selection of OCV and GAS Flow rate.
- ▶ Excellent quality welds with Solid / Flux cored Wires.
- ▶ Protection against Thermal Overload, input over/under voltage.
- ▶ Maintenance free and weld safe rugged outfit.

### APPLICATIONS

- ▶ Ideally suited for Light & Medium Fabricators, Pressure vessel Fabricators, Automobile Industries, Sheet metal Fabrication
- ▶ Light weight, easy to move & shift.



### FEATURES

- 1) Separate potentiometer for welding current and voltage adjustment
- 2) Smooth, spatter free Co<sub>2</sub>, MIG/MAG, ARC welding
- 3) Ideal characteristics with optimum choke setting w/o taps
- 4) Digital display of welding voltage & current enables welder to set/reset & monitor welding parameters
- 5) 2T/4T functions provided for welder convenience
- 6) Adjustable crater voltage & current
- 7) In Primouni 302 special features like Dual Input Voltage, synergic lines & error code display are added

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## TECHNICAL SPECIFICATIONS

INVERTER Co <sub>2</sub> ,MIG/MAG &ARC WELDER				
ASPECT	UNIT	MODEL		
		PRIMOUNI-302	PRIMOUNI-402	PRIMOUNI-602
Rated Input Voltage	Volts A.C	1Ph,230V or 3Ph,415V +/-10%	415+/-10%	415+/-10%
Rated frequency	Hz	50/60	50/60	50/60
Phases	No.	1 / 3	3	3
Max. input power at 60% duty cycle	KVA	10	17	37
Max. input current at 60% duty cycle	Amps	20 / 12	25	50
Recommended switch / fuse rating	Amps	TP-25	TP-30	TP-60
Output Characteristic		CV/CC	CV/CC	CV/CC
Open Circuit Voltage / OCV (Maximum)	Volts D.C.	75(Arc mode), 32(Mig mode)	80(Arc mode), 40(Mig mode)	80(Arc mode), 48(Mig mode)
Welding current range	Amps D.C.	50-300	50-400	80-600
Welding Current at 60% duty cycle	Amps D.C.	300	400	600
Welding Current at 100% duty cycle	Amps D.C.	230	310	465
Type of Cooling		Forced Air(Fan cooled)		
Class of Insulation		H	F	F
Application suitability		Arc upto 4 mm Electrode	Arc upto 5 mm Electrode	Arc upto 5 mm Electrode
		Co <sub>2</sub> ,Mig/Mag from 0.8mm to 1mm	Co <sub>2</sub> ,Mig/Mag from 0.8mm to 1.6mm	Gouging with 6mm Electrode Co <sub>2</sub> ,Mig/Mag from 1.0mm to 1.6mm
MIG welding torch/gun	mtr	3/4.5	3/4.5	3/4.5
Mig torch cooling		Gas cooled	Gas cooled	Gas cooled
Wire feeder		4 roll drive	4 roll drive	4roll drive
Interconnection cable length	mtr	3/5/10/15	5/10/15	5/10/15
Overall Dimensions (LXWXH)	mm	460 x 230 x 415	530 x 290 x 530	600 X 300 X 530
Approx.net weight	Kg.	15	27	40
Handle,Digital Amp/Voltmeter		Standard scope of supply		
Trolley		Optional	Optional	Optional

Manufactured By :

**REXEL REALLY!**  
EXCELLENT!



**Ace Weld Engineers**

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