

DC Inverter CC-CV MIG/MMA/LIFT TIG Welding Machine

PR SERIES



YMIG-400PR
(Without Trolley)



YMIG-400PR
(With Trolley)



YMIG-600PR
(Without Trolley)



YMIG-600PR
(With Water Cooler & Trolley)

Features

- ◆ With good protection of Under-Voltage, Over-Voltage and Over-Current, it makes the machine safe and reliable.
- ◆ Pre-setting of precise digital Voltage/Current parameter enables easy operation.
- ◆ With CC/CV function, one machine can perform MIG/MMA/Lift TIG welding.
- ◆ With 2T/4T options, convenient for the operator to perform welding as per the job requirement.
- ◆ Advance machine feature –Soft Arc & Hard Arc feature –gives choice to choose arc type for thin sheet and thick plate.

Accessories



Main Technical Parameter	YMIG-400PR	YMIG-600PR
Input Voltage(V)	AC415V+/- 10%	AC415V+/- 10%
Frequency(Hz)	50/60	50/60
Rated input capacity(KVA)-MIG/MAG	14	24
Rated input capacity(KVA)-MMA	15	26
Rated input current(A)-MIG/MAG	20	33.3
Rated input current(A)-MMA	21	36
No-load voltage(V)	63	70
Max output current(A)	400	600
Output voltage range(V)-MIG/MAG	16-34	16-39
Output voltage range(V)-MMA	22.4-36	22.4-40
Duty cycle(%)	60%	60%
Output current range(A)-MIG/MAG	60-400	60-600
Output current range(A)-MMA	60-400	60-600
Insulation class	H	H
Power factor	>0.93	>0.93
Case protection class	IP23	IP23
Dimension(L*W*H) (mm) Without Trolley	625X302X585	625X302X585
Weight(KG) Without Trolley	28	31
Dimension(L*W*H) (mm) With Trolley	930X510X1190	930X510X1490
Weight(KG) With Trolley	66	85
Suitable wire(mm)	0.8/1.0/1.2	1.0/1.2/1.6
Feeding speed(m/min)	3-24	3-24
Gas flow(L/min)	5-15	8-25

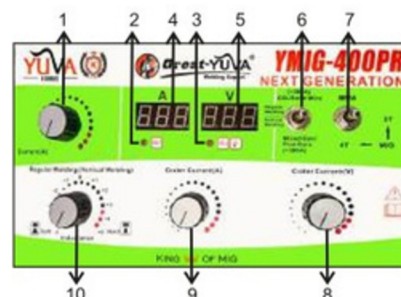


Fig - B

Annexure of Figure - B

Re.No.	Description	Benefit
1	MMA Current Control	The machine can be used for MMA welding
2	Current Display Indication	Indication will be on for welding current display
3	Warning/ Fault Indication	Warning indication of fault/temperature rise
4	Digital Display AMP	Easy reading of current parameter
5	Digital Display Voltage	Easy reading of voltage parameter
6	Welding Mode Selection Switch	Selection of 3 welding mode 1.Co2/Solid Wire 2. Regular welding/Vertical welding 3.Mixed gas/ flux core wire
7	Torch Mode Selection Switch	Torch operation mode 2T is for tack and small welding 4T is for long and continues welding with crater function, MMA is for DC Arc welding
8	Crater Voltage Control	Special feature for welding end voltage control
9	Crater Current Control	Special feature for welding end current control
10	Inductance Control	Special feature for welding penetration control