

Multi-Process

Intelligent MIG 160GDM

Compact, Excellent, Affordable, Portable, Professional



- Full Digital and Advanced IGBT inverter technology.
- Multi-process: MIG, MMA & LIFT TIG.
- Synergic control, LED display, easy to operate.
- CO2 and Mixed gas selectable under MIG process.
- VRD function under MMA process for your safety.
- Inductance and Arc length can be fine adjusted.
- 2T/4T selectable under MIG process.
- Automatic Hot Start and Arc Force under MMA process.
- Fan as needed, reduces noise and dust inside the machine.
- Cellulose electrode friendly.
- 5kg wire applicative.
- Optional: Polarity conversion, Shoulder strap and Spool adaptor (For 0.9 kg wire).

Control panel

Simple and easy to operate, you can choose MIG stick and Lift TIG process as you want. Under MIG Mode, Inductance and Arc length fine adjusted, and 2T/4T function will be helpful for welding.



Base Units Include

- 1 pcs inverter power source
- MIG torch , 3m cable with Euro connector
- Stick electrode holder,3m cable with Euro plug
- Earth clamp,3m cable with Euro plug

Key Option

- Auto-Darkening Welding Helmet
- TIG 17V 4m torch.

Technical data

Item	MIG 160GDM	MIG 180GDM
Input voltage (V)	220V±15%	220V±15%
Frequency (HZ)	50/60	50/60
Max. Rated input current (A)	28 (MIG)	32 (MIG)
Max. Rated input power (KVA)	6.2 (MIG)	7.1 (MIG)
Output current (A)	Stick : 10-160 MIG: 50-160 LIFT TIG: 10-160	Stick : 10-160 MIG: 50-180 LIFT TIG: 10-180
Wire feed speed (m/min)	3-11	3-11
Wire dia. (mm)	0.6/0.8/1.0	0.6/0.8/1.0
No load voltage (V)	64(VRD:16V)	64(VRD:16V)
Output voltage (V)	Stick : 20.4-26.4 MIG: 16-22 LIFT TIG: 10.4-16.4	Stick : 20.4-26.4 MIG: 16-23 LIFT TIG: 10.4-17.2
Duty cycle (40°C)	Stick : 25%@160A MIG : 30%@160A LIFT TIG : 35%@160A	Stick : 25%@160A MIG : 30%@180A LIFT TIG : 35%@180A
Power factor	>0.73	>0.73
Efficiency	>80%	>80%
Housing protection grade	IP21	IP21
Weight (kg)	8	8
Dimensions (mm)	1386*170*300	1386*170*300

Application specification

Light industrial steel structure, Machinery maintenance, Equipment manufacturing, mild steel, Stainless steel, alloyed steel, etc

Welding current reference

Item	Welding Process	Thickness (mm)	Electrode dia. (mm)
Carbon steel, low alloy steel and stainless steel	Stick	>1.0	2.0/2.5/3.2/4.0
	MIG	>0.5	0.6/0.8/1.0
	Lift TIG	>0.5	1.6/2.4

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