

## Multi-Process

# Pulse MIG 250PGDM with LCD

## Compact, Portable, Professional, Excellent, Pulse, Spool gun

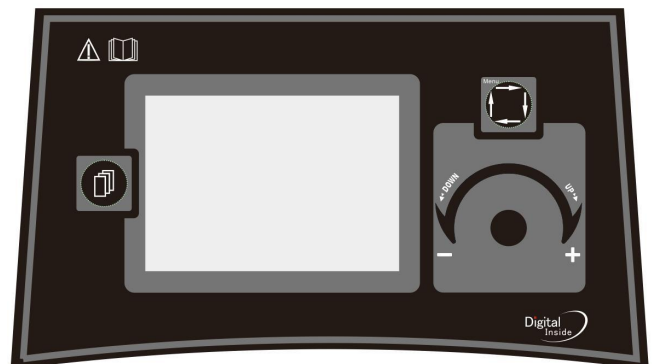


Double drive wire feeding mechanism inside

- Full Digital and Advanced IGBT inverter technology.
- Multi-process: MIG-Mixed gas, MIG-Ar gas(with pulse), MIG Spool gun, MMA & LIFT TIG.
- Synergic control, LCD display, easy to operate.
- Mixed gas and Argon gas selectable under MIG process.
- MIG pulse, more professional in welding aluminum due to the excellent heating controlling.
- Wire diameter choice, set a range of reasonable diameter automatically by recognizing wire diameter for using friendly.
- VRD, hot start and arc force function built-in, make you enjoy welding with desired welding shape.
- Inductance and Arc length can be fine adjusted.
- Spool gun adaptive, enrich the compatibility for more demands.
- 2T/4T function, abundant modes to service various welding demands.
- Polarity change function inside, weld with no gas protection in this function by using flux-cored self-shield wire.
- Fan as needed, reduces noise and dust inside the machine.
- 5KG/15KG spool adaptive, enrich the choice of different spool.
- Intelligent protection: over-heating, over-current, over-voltage protection, convoy for the welder to keep power.

## Control panel

Simple and easy to operate, you can choose MMA, MIG, and Lift-TIG processes 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 with 3m input power cord.
- 1 PCS MIG torch, 3m cable with Euro connector.
- 1 PCS Stick electrode holder, 3m cable with Euro plug.
- 1 PCS Earth clamp, 3m cable with Euro plug.
- 1 PCS Gas hose, 3m.

## Key Option

- Auto-Darkening Welding Helmet
- TIG 17V 4m torch.
- Spool gun, 5m.
- Roll, U type, V type with various diameters.

## Technical data

Item	Type		
	MIG 250PGDM (LCD)		
	MIG	TIG	MMA
Power voltage (V)	1 phase,AC230V±15%		
Frequency (Hz)	50/60		
Rated input current (A)	43	38	45
Output current adjustment (A)	50-230	15-250	15-220
Output voltage (V)	16.5-25.5	10.6-20	20.6-28.8
No-load voltage(V)	56(Ur=17)	Ur=17	56(Ur=17)
Duty cycle (%) / 40℃	25		
Power factor	0.71		
Efficiency (%)	80		
Type of wire feeder	Internal		
Wire feeding speed (m/min)	3-15		
Post flow time (S)	3		
Wire diameter (mm)	0.8/1.0/1.2		
Insulation grade	F		
Housing protection grade	IP21		
Welding thickness (mm)	More than 0.8		
Weight (kg)	20		
Overall dimension L*W*H (mm)	560*240*440		

## Application specification

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

## Welding current reference

Item	Welding Process	Thickness (mm)	Electrode dia. (mm)
Carbon steel, low alloy steel, Aluminum and Stainless steel	Stick	>1.0	2.0/2.5/3.2/4.0
	MIG-MIX/Spool gun	>0.8	0.6/0.8/(0.9)/1.0/1.2
	MIG-Ar/AL	>1.0	1.2 ( Aluminum )
	Lift TIG	>0.5	1.6/2.4