

The Full Digital

Pulse TIG 200PGDM

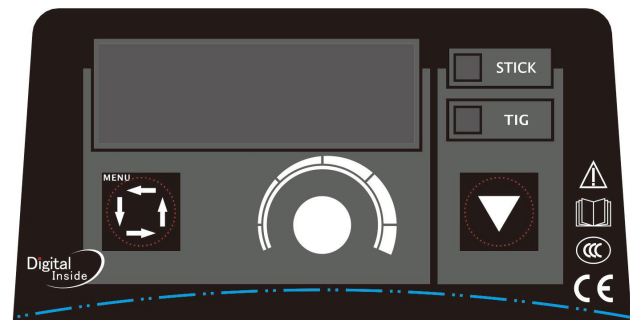
Digitization, Precise, Professional, Excellent, Portable



- Advanced IGBT inverter technology delivers superior TIG performance.
- Built-in Micro Chip. Inside software upgradeable to improve the welding performance.
- Multi functions: HF TIG, LIFT TIG and MMA.
- LED Display shows the welding current.
- Under TIG mode arcing way selectable: with HF or without HF, suitable for various applications.
- Full Function in TIG mode: 2T/4T function, Pre-flow gas time, start current, up slope time, peak current, down slope time, basic current, pulse frequency, duty cycle of pulse and post flow gas time adjustable.
- Auto-Adaptive arc force and hot start current under MMA function.
- Intelligent protection: over-voltage, over-loading and over-heating.
- Fan as needed, reduces noise and dust inside the machine.
- Energy-efficient: power factor more than 0.7, efficiency more than 85%.
- Portable with handle, you can take it anywhere.

Control panel

Simple and easy to operate, one rotary knob for welding current pre-set. Customer can select either stick or HF TIG process. Full function in TIG mode designed for steel and stainless steel plate welding.



Base Units Include

- 1 PCS inverter power source with 3m input power cord
- 1 PCS 4m TIG26 torch
- 1 PCS Stick electrode holder, 3.0m cable with Euro plug (KJO-50)
- 1 PCS Earth clamp, 3.0m cable with Euro plug (KJO-50)
- 1PCS tungsten electrode
- 1PCS Gas horse (3m)

Key Option

- Auto-Darkening Welding Helmet

Technical data

Parameters	Model	TIG 200PGDM
Power voltage(V)		Single phase AC230V±15%
Frequency (Hz)		50/60
Rated input current (A)		29.2
Output current. (A)		15~200 (TIG), 30~160 (MMA)
Rated working volt. (V)		18.0 (TIG), 26.4 (MMA)
No-load volt. (V)		U ₀ =56 (TIG/MMA), U _r =17 (MMA)
Duty cycle (%)		25 (TIG), 30 (MMA)
Arcing way		HF/Lift (TIG mode)
Efficiency (%)		80
Power factor		0.73
Insulation grade		F
Housing protection grade		IP21S
Weight (Kg)		5.6
Dimensions (L*W*H mm)		315*145*250

Application specification

Light steel structure, Machinery maintenance, Sheet metal Processing, Pipe installation, Mild steel, Stainless steel, alloyed steel, etc

Welding current refers

Suitable Electrode model e.g.	Welding position	Φ 2.5mm	Φ 3.2mm	Φ 4.0mm	---	---
E6013,E7018, E308-16, E309-16, etc	Flat, Horizontal	55-85A	90-130A	140-180A	---	---
	Vertical, over-head	50-80A	90-120A	120-170A	---	---
Suitable Tungsten Electrode	1.0mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm
Welding Current	35-50A	40-85A	50-130A	50-130A	120-150A	140-200 A

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