The Full Digital

TIG 200PE

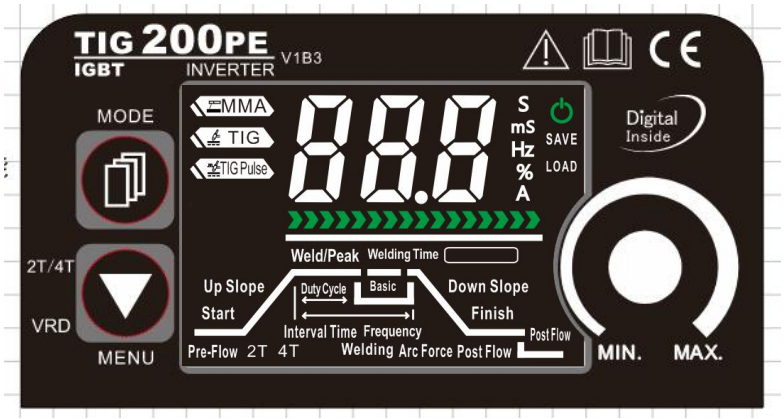
Economical, Digitization, Precise, Excellent, Portable

Pictures are for reference only

- Equipped with RILAND self-developed RICHIP chip and use the latest high grade IGBT technology.
- Wide range input voltage: 220V±15%.
- Segment code screen easy shows and adjust the welding parameter.
- Multi welding process：HF TIG ,DC PULSE TIG and MMA.
- Under TIG mode: Post flow and Pre flow adjustable,.
- Under DC PULSE TIG:Fully adjustable welding curve
- Under MMA mode: VRD,Arc force adjustable,Anti-stick built-in.
- 2T/4T/SPOT function.
- Intelligent protection: over-voltage, over-loading and over-heating.
- Fan as needed, reduces noise and dust inside the machine.

Control panel

Functional operation panel, Confirm the function by pressing the MODE button, and adjust the required parameters by rotating and pressing the knob on the right.The MENU button can select 2T/4T for TIG mode,open or off VRD for MMA mode.



Option Units Include

- 1 PCS inverter power source
- 1 PCS TIG torch
- 1 PCS Cerium tungsten, Φ 1.6*150mm
- 1 PCS Earth clamp,3m cable with Euro plug
- 1 PCS Shoulder strapt

Technical data

Item \ Type	TIG 200PE	
Design standards	IEC/EN60974-1 / GB/T15579-1	
Input voltage (V)	1P 220V±15%	
Frequency (Hz)	50/60	
Welding mode	**TIG**	**MMA**
Rated max. supply current (I_{1max}	30.3	33.3
Max. effective supply current (I_{1eff}	10	10.7
Rated output current range (A)	10-180	40-150
Rated output voltage range (V)	10.4-17.2	21.6-26
Rated duty cycle (40℃)	25%	
No-load voltage (V)	60	
Power factor	0.7	
Efficiency (%)	75%	
Arcing way	HF ignition	
Insulation grade	F	
Housing protection grade	IP21	
Power source Weight (kg)	4.2	
Overall dimension (L*W*H mm)	295*130*235	

Application specification

This machine can be used for welding iron, copper, titanium, stainless steel, alloyed steel and other metal materials.

Welding current refers

Thickness（mm）	Welding Current（A）	Tungsten Dia.（mm）	Wire Dia.（mm）	Protect gas flow（L/min）		
				Stainless steel	Copper	Titanium
0.3~0.5	10~40	1.0	1.0	4	6	6
0.5~1.0	20~40	1.0	1.0	4	6	6
1.0~2.0	40~70	1.6	1.6	4~6	8~10	6~8
2.0~3.0	80~130	2.0~2.5	2.0	8~10	10~12	8~10
3.0~4.0	120~170	2.5~3.0	2.5	10~12	10~15	10~12
4.0	160~200	3.0	3.0	10~14	12~18	12~14

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