

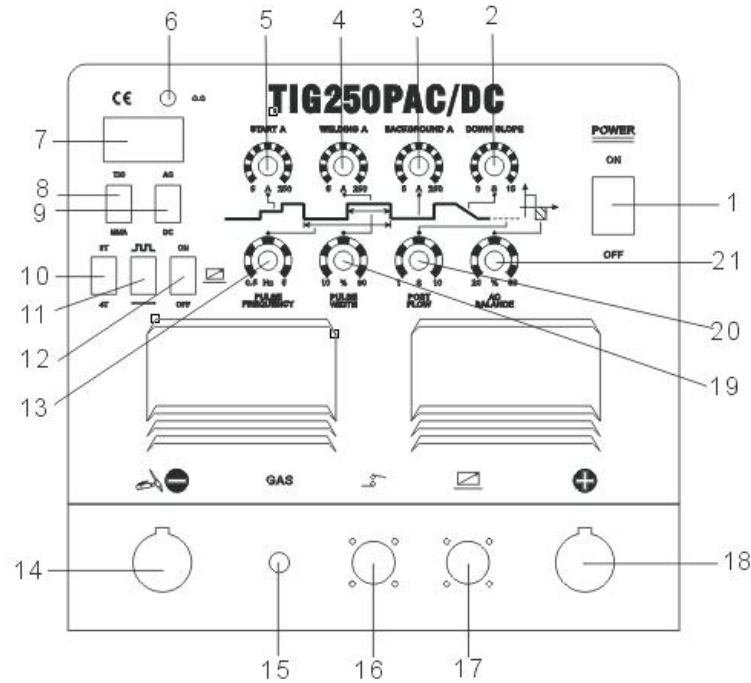


TIG200P AC/DC

Top Features

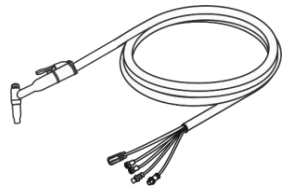
- ❖ High current range of 200 amps highly fit for the precision welding
- ❖ MMA current range of 160 amps provides the ability to weld the 3.2 electrode
- ❖ Multi-functions: AC/DC TIG, MMA process
- ❖ Fit for many materials like aluminum alloy, titanium alloy, stainless steel, carbon steel
- ❖ Convenient digital operational interface. Automatically matching welding parameter
- ❖ Overheat, over-current and over-voltage detection, anti-shock and anti-sticking functions
- ❖ IP21S classification to ensure reliability in harsh and demanding environmental conditions

<i>Technical</i>	<i>Parameters</i>	<i>Technical</i>	<i>Parameters</i>
Input Power	220V(±15%)/1Ph/50HZ/60HZ	Remote control	Yes
Rated input current (A)	32.5	ARC initiation	HF
Rated Output Current /Voltage/Duty Cycle	10-200A/18V/60%	Power factor	0.73
MMA Output (A)	10-160	Efficiency (%)	85
Post flow time (S)	0-10	Insulation grade	F
Pulse frequency (Hz)	0.5-5.0	Housing protection grade	IP21S
Basic value current (A)	5-200	Net Weight (kg)	20
ARC initiation current (A)	5-200	Dimensions H×W×D (mm)	498 x 358 x 302

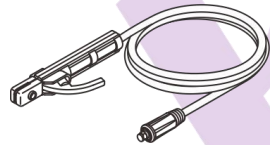


Function description			
1	Power switch	12	Remote control switch
2	Down slope adjustment	13	Pulse frequency adjustment
3	Back ground current adjustment	14	Negative output terminal
4	Welding current adjustment	15	Gas connector
5	ARC start current adjustment	16	Torch switch socket
6	Abnormal indicator	17	Remoter control
7	Current meter	18	Positive output terminal
8	TIG/MMA switch	19	Pulse switch adjustment
9	AC/DC switch	20	Post flow adjustment
10	2T/4T switch	21	AC balance adjustment
11	Pulse frequency switch		

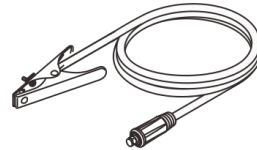
ACCESSORY DRAWING



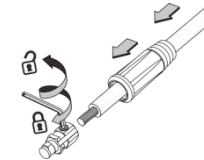
TIG Torch



Electrode holder with cable



Earth clamp with cable



Connector assembly way



Internal hexagonal wrench

INSTALLATION INSTRUCTION

Equipment is equipped with power voltage compensation equipment. When power voltage fluctuates between $\pm 15\%$ of rated voltage, it still can work normally.

1. When use long cable, in order to prevent voltage from going down, bigger section cable is suggested. If cable is too long, it may affect the performance of the power system. So cables of configured length are suggested.
2. Make sure intake of the machine is not blocked or covered, lest cooling system could not work.
3. Make good connection of shielded gas source. Gas supply passage includes cylinder, argon decompress flow meter and pipe. Connecting part of pipe should use hoop or other things to fasten, lest argon leaks out and air gets in.
4. Put the fasten plug of the cable to fasten socket of “+” terminal at the front panel, fasten it clockwise and the earth clamp at the other terminal clamps the work piece.
5. Correctly connect the arc torch or holder according to the sketch. When use MMA welding: Make sure the cable, holder and fastening plug have been connected with the ground. Put the fastening plug into the fastening socket at the “-” terminal and fasten it clockwise. When use TIG welding: Put the gas-electricity plug of the welding gun to the joint at the front panel, and fasten clockwise. Put the air switch on the gun to the relevant joint at the front panel, and fasten the screw.
6. When use pedal control, connect its two-core air plug and three-core air plug with the relevant air socket at the panel.

According to input voltage grade, connect power cable with power supply box of relevant voltage grade. Make sure there is no mistake and the voltage of power supply does not exceed permission range. After the above job, installation is finished and welding is available.

