

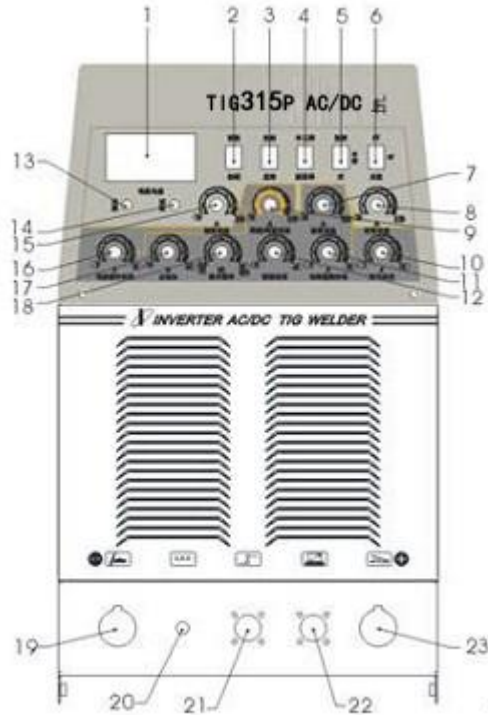


TIG315P AC/DC

Top Features

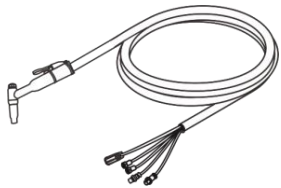
- ❖ High current range of 315 amps highly fit for the precision welding
- ❖ MMA current range of 250 amps provides the ability to weld the 4.0 electrode
- ❖ Multi-functions: AC/DC TIG,MMA process
- ❖ Fit for many materials like aluminum alloy, titanium alloy, stainless steel, carbon steel
- ❖ Convenient 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	380V(±15%)/3Ph/50HZ/60HZ	Up slope time (S)	0-10
Rated input current (A)	15	Down slope time (S)	0-10
Rated Output Current /Voltage/Duty Cycle	10-315A/22.6V/60%	Base current (A)	10-315
MMA Output (A)	10-250	Start current (A)	10-315
No-load loss (W)	100	Crater current (A)	10-315
Arc Ignition	HF	Post flow time (S)	1-10
Efficiency (%)	85	Duty ratio (%)	40-80
Power factor	0.93	Pulse duty ratio (%)	10-90
Insulation grade	F	Housing protection grade	IP21
Pulse frequency (low)Hz	0.5-15	Weight (kg)	39
Pulse frequency (Middle)Hz	15-450	Dimensions H×W×D (mm)	616×326×620

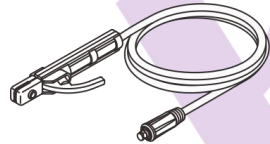


<i>Function description</i>			
1	Current meter	13	Over heat indicator
2	Panel/remote control altering switch	14	Over current indicator
3	AC/DC altering switch	15	Start current adjustment
4	TIG/MMA altering switch	16	Current up slope time adjustment
5	Frequency altering switch	17	Duty ratio adjustment
6	2T/4T/Repeat switch	18	Pulse frequency adjustment
7	Base current adjustment	19	Negative output terminal
8	Crater current adjustment	20	Gas connector
9	Peak current adjustment	21	Torch switch socket
10	Post flow time adjustment	22	Remote control socket
11	Current slope time adjustment	23	Positive output terminal
12	Clean pulse width adjustment		

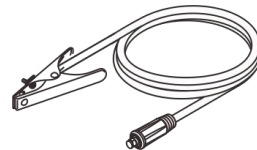
ACCESSORY DRAWING



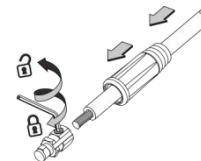
TIG Torch



Electrode holder with cable



Earth clamp with cable



Connector assembly way



Internal hexagonal wrench

INSTALLATION INSTRUCTION

Long connecting cable can affect the ARC start character and stability of welding performance, so please use the recommended cable length, and in order to reducing the voltage down, please use the large cable face:

1. Please use at least 6mm² cable to connect the welder to the earth.
2. Please make sure the power supply is right match for the welder and install the torch, earth clamp according

to the right instruction;

1) Using the MMA function, please connect the earth clamp and electrode holder according to the nature of electrode, and tighten the connector.

2) Using the TIG function, please following the installation instruction to install the the torch and tighten it.

3. For the earth clamp, please let the connector connect to "+", and the other side connect to the workpiece.

4. Before using the welder, please check the cable is right connected as the following picture and tighten them.

5. Please pay attention to polarity, since there are two connecting method for MMA process. ① positive pole connecting method, earth clamp connect to "-" and electrode holder connect to "+"; ② negative pole connecting method, earth clamp connect of "+" and electrode holder connect to "-".

Please noted that which connecting way would be used is up to the workpiece processing requirement, if using the wrong connecting way, it will occur some phenomenon.

