TIG400 / 400P

Application

Suitable for carbon steel, stainless steel, alloy steel,Copper, titanium and titanium alloy; wide application in ship building, pressure vessel, automobile, oilfield construction, chemical construction, steel structure, outdoor decoration, outdoor advertising, etc.

Features

- Digital welding circuit design ensures more refined welding performance. Min 5A current for 0.5mm thin plates. Extremely excellent welding performance when under pulse mode.
- Multiple TIG functions including not only for 2T and 4T operations, but also repeat welding, so as to satisfy different welding demands.
- Three proofing design to satisfy extremely harsh working environment.
- Only one control PCB, compact and reliable.
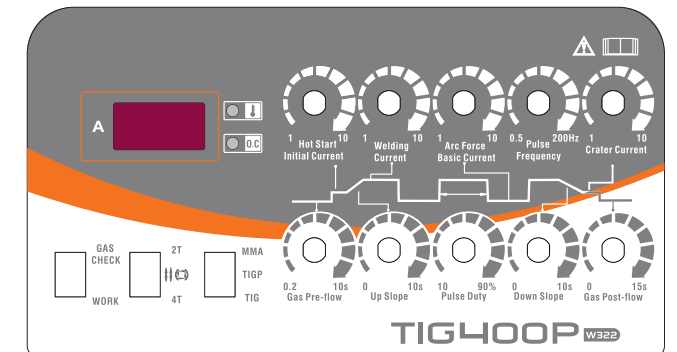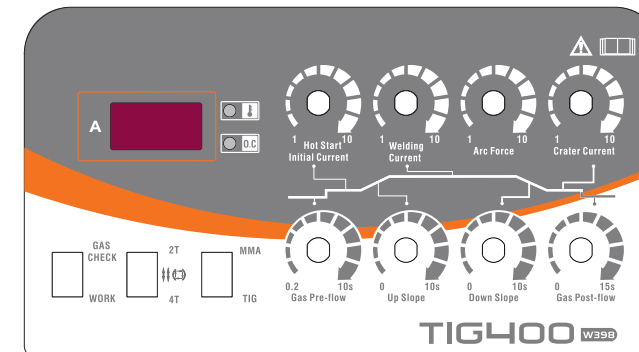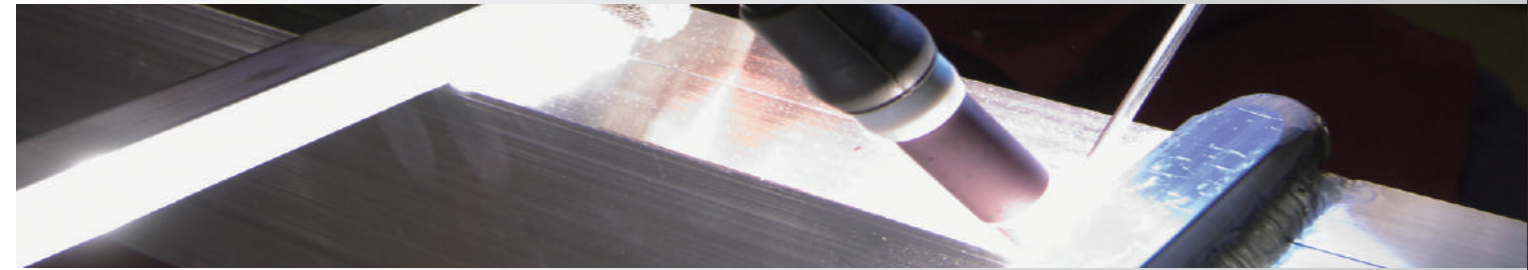- Reserved digital interface for auto welding equipment.

Accessories

Standard
- TIG Torch: WP-18 (5m) water cooling torch (TIG400P)
- TIG Torch: Qq300 (5M)(TIG400)
- Earth clamp: 300A-35mm²-DKJ35-50 (3M)

Optional
- Pedal control unit
- Remote control box
- Water tank: 4L, 8L

Specifications

Standard
- HF DC TIG
- HF PULSE TIG (Only TIG400P)
- MMA
- 2T/4T, repeat

- Remote control interface
- Gas Check

Optional
- Digital interface

	TIG400 W398	TIG400P W322
Input power source	3~AC380V±15% 50/60Hz	
Rated input current (A)	25.3	25.3
Rated input power capacity (KVA)	18	18
Power factor (cosΦ)	0.9	0.9
No-load voltage (V)	68	68
Rated output (A/V)	400/36	400/36
Rated duty cycle (%) @40°C	60	60
Welding current (A)	10-400	10-400
Arc force range (A)	0-200	0-200
Arc start range (A)	0-200	0-200
Pre-flow time (S)	0.2-10	0.2-10
Initial current (A)	10-400	10-400
Pilot arc current (A)	10-400	10-400
Up/down-slope time (S)	0-10	0-10
Background current (A)	---	10-400
Peak current (A)	10-400	10-400
Post-flow time (S)	2-15	2-15
Pulse frequency range (Hz)	---	0.2-200
Pulse duty factor (%)	---	10-90
Efficiency (%)	85	85
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	710×415×580	710×415×580
Weight (Kg)	30	30