



TIG/GTAW



TIG400/400P



### Specifications

#### Standard

- HF DC TIG
- HF PULSE TIG (Only TIG400P)
- MMA
- 2T/4T, repeat
- Remote control interface
- Gas check

#### Optional

- Digital interface

### Accessories

#### Standard

- TIG Torch: WP-18 (5m) water-cooled torch (TIG400P)
- TIG Torch: Qq300 (5M) (TIG400)
- Earth clamp: 300A-35mm<sup>2</sup>-DKJ35-50 (3M)

#### Optional

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

\* Please refer to page 55 (the inside back cover) for accessories pictures.

	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



Direct Current Output



50/60Hz Input Power Source



Forced Air Cooling



Energy Saving And Environment Friendly



Random Access Memory



Job Save Function

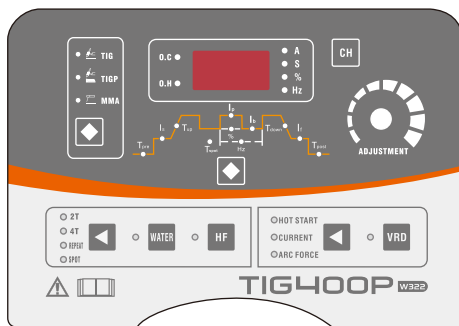


TIG/TAW



## Features

- Digital welding circuit design ensures refined welding performance.
- Adoption of digital circuit control enables refined, quality welding bead.
- Digital welding circuit design ensures refined welding performance. Min. 5A current for 0.5mm thin plates. Extremely excellent welding performance when under pulse mode.
- Three proofing design to satisfy extremely harsh working environment.
- Reserved digital interface for auto equipment connection.



## Applications

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

## Optional trolley and water tank

- The patented quick electrical configuration for water tank and power source connection, which is of elegant outlook, high safety and reliability.
- Intelligent control on cooling fan and water tank.
- Water-lack and over-heat water temperature protection.
- Module-design for trolley, water tank and power source.
- Preserved auto wire feeding configuration interface.
- Other ergonomic design details: locking-stop casters; tool box; torch hanger; cable hanger; comfortable machine grip/handle.

TIG400/400P



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TIG400/400P



## Specifications

### Standard

- HF TIG/Lift-TIG/MMA
- 2T/4T, repeat, spot welding
- Remote control
- VRD

### Optional

- Water flow switch interface

## Accessories

### Standard

- TIG Torch: WP-18 (5m) water-cooled torch
- Earth clamp: 300A-35mm<sup>2</sup>-DKJ35-50 (3M)
- Water tank: 4L
- Trolley

### Optional

- Pedal control unit
- Remote control box

\* Please refer to page 55 (the inside back cover) for accessories pictures.

	TIG400 W39803	TIG400P W32203
Input power source	3~AC380V±15% 50/60Hz	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	50	50
Welding current (A)	5-400	5-400
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)	5-400	5-400
Pilot arc current (A)	5-400	5-400
Up/down-slope time (S)	0-10	0-10
Background current (A)	--	5-400
Peak current (A)	5-400	5-400
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)	760×360×585	760×360×585
Weight (Kg)	32	32