

SS3 Series

Thyristor-controlled DC Arc Welding Machine

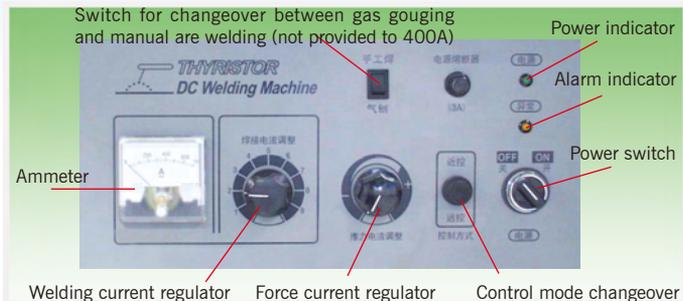
Economical and practical popular model featuring high quality



400SS3

630SS3

Operation panel (front panel of 630SS3)



Specifications

Model	YD-400SS3	YD-630SS3
Control mode	-	Thyristor
Input power frequency	Hz	50
Rated input capacity	kVA/kW	26.3/19.5
Rated output current	A	400
Rated output voltage	V	36
Rated duty cycles	%	60
Rated output voltage at no load	V	64
Output current range	A	60~400
Enclosure protection grade	-	IP21S
Insulation class	-	H
Cooling mode	-	Forced air cooling
Dimensions(W×D×H)	mm	436x675x762
Mass	kg	155

- The special IC for generating trigger pulses ensures stable and reliable operation of the main circuit.
- The function of balance adjustment is provided to avoid imbalance of the input waveform due to abnormality of the input power.
- The smart control mode for voltage transformation improves the performance of force current in preventing the welding rod from sticking.
- The welding changeover circuit is provided to effectively improve the performance of arc starting.
- The output characteristic is excellent and therefore, stable welding can be achieved even though the cable is extended to 100m.
- Class H insulation and IP21S enclosure protection are more suitable for continuous operation in rigorous environments.

The items to be supplied by the customer

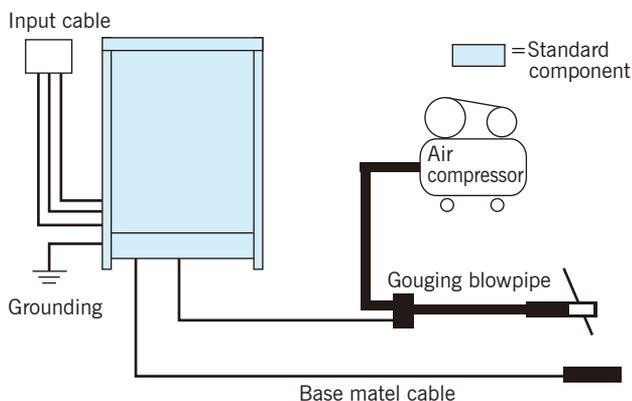
Welding clamp
Base metal
Cable on the side of base metal
Distribution box
Input cable
Air compressor(for gouging of Model 630A)
Gouging blowpipe(for gouging of Model 630A)
Gas hose (for gouging of Model 630A)

Options

Remote controller for 400SS3/630SS3:
Model TSM90251



Connection diagram (gouging for Model 630SS3)



- The DC welder featuring both energy saving and high reliability and excellent performance is developed for actual demands from various industries.
- Use of the Panasonic's manufacture process and technology in manufacture of welders oriented to the masses offers the industries the high-performance product at reasonable price.

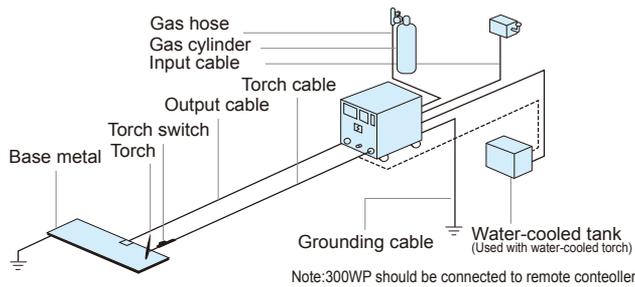


Widely used in many industries such as pipework, pressure vessels and building installation.

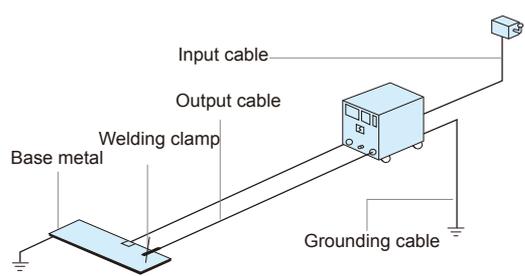


Wiring diagram

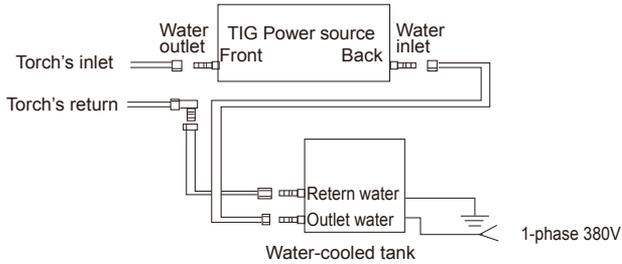
TIG



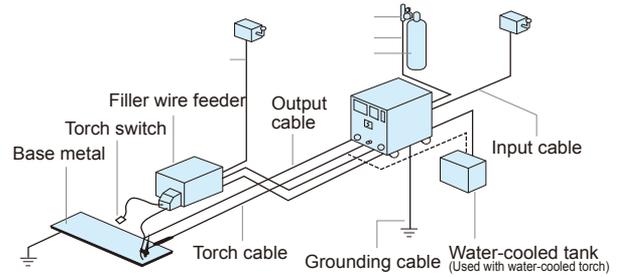
DC



Water-cooled tank for TIG welding



Filler wire feeder



Bangkok Welding
(Thailand)

www.bangkokwelding.com info@bangkokwelding.com



Safety precautions

• Before attempting to use any welding product, always read the manual to ensure correct use.

Panasonic[®]

Panasonic Welding Systems (Tangshan) Co., Ltd.

Tel: (0315) 3206066-3206069 Fax: (0315) 3206018 3206070

Service hotline: (0315) 3206016 8008035816

Technique consulting hotline: (0315) 3206012

Website: <http://pwst.panasonic.cn>

E-mail: sales@tsmi.com.cn

The color is subject to be different to the real product. The specifications are subject to change without notice.

Advertiser: Panasonic Welding Systems (Tangshan) Co., Ltd. Address: No.9 Qingnan Road, Tangshan New & Hi-tech Development Zone, Tangshan, Hebei, China

Printed by Tangshan Huaqiang Printing Co., Ltd.

Address: No.124 Huoju Road, Tangshan New & Hi-tech Development Zone, Tangshan, Hebei, China

Printed in May 2012