

Panasonic

Human Electronics

THYRISTER CONTROLLED D.C.ARC WELDER

CLEAN ARC **SS**



EXCELLENT &
HIGH RELIABLE
CLEAN-ARC SERIES
D.C. ARC WELDER.

Specifications

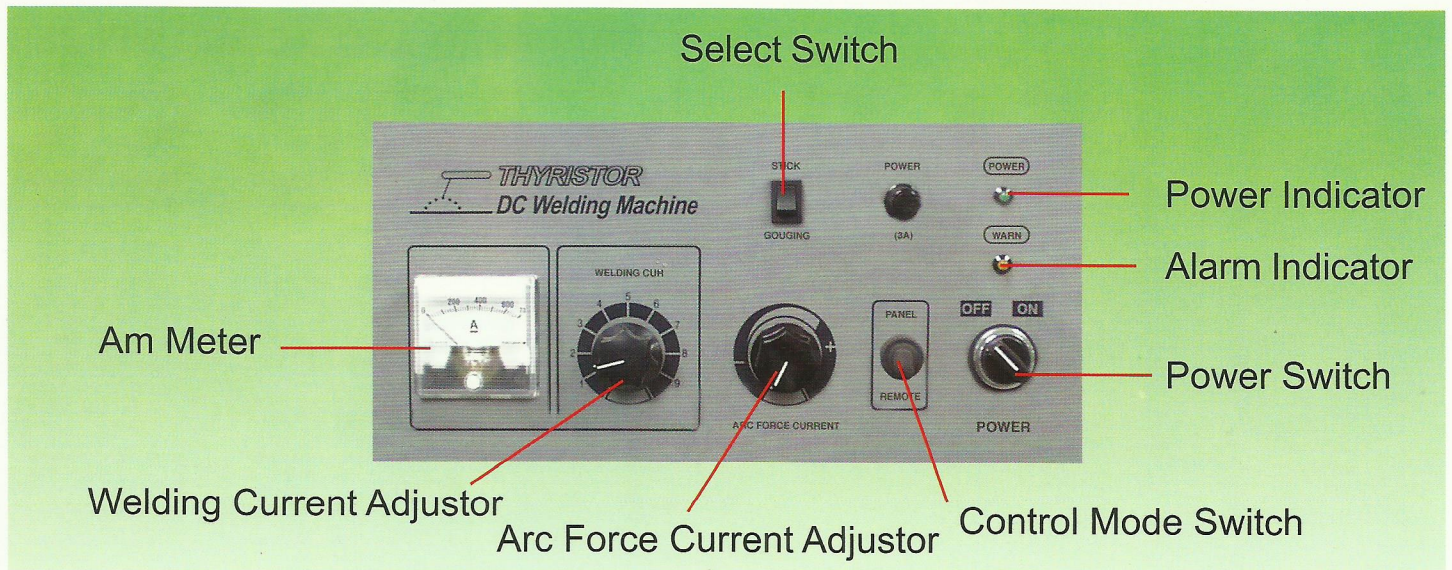
Model			YD-400SS3	YD-630SS3
Rated input		kVA (kW)	26.3(19.5)	47.6(39)
Phase, Frequency		Hz	3ø 50/60	
No-load voltage		V	64	81
Output current	Manual	A	60-400	100-630
	Gouging	A	--	150-630
Output voltage	Manual	V	22.4-36	24-44
	Gouging	V	--	26-44
Rated duty cycle		%	60	60
Weight		kg	155	225
Dimensions(WXDXH)		mm	436X675X762	500X690X920
Applicable carbon diameter		ømm	--	4.0-11

CERTIFICATE No.597A190

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CLEAN ARC SS400 630



FEATURES

1. These models are economical and can be used as a power source for both manual arc welding and carbon arc gouging by changing over select switch. (CLEAN-ARC SS400 are for welding only)
2. DC carbon arc gouging is better in arc start, arc stability and workability than AC gouging method, and additionally, a little consumption and low cost of carbon electrode.
3. With unique arc force characteristic variable control circuit being adopted, arc start failure and stick adhesion can be restrained even in low current welding, hence easy to operate even for new-hand.
4. The DC manual welding, using thyristor with control circuit, features constant current characteristics. Being coupled with the precise control of dynamic characteristics, the constant control of the welding current enhances welding quality greatly whenever the power source voltage fluctuates. Once it is set, it is always maintained constantly.
5. Welding current can be easily increased or decreased at a distance from the welder by optional remotecontroller on hand.
6. Protection is always attainable whenever over-heating resulted from any causes occurs.

REMOTE CONTROLLER(OPTION)

Welding current can be adjusted on hand, so working efficiency and preciseness of welding operation will be much improved.

With cable type(Remote control box) it can achieve favorite welding current by adjusting current knob.

Model	Applicable power source
TSM90251	YD-400SS3 YD-630SS3



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Panasonic
Welding Machine

TSMI 促 No.C014E