

# Panasonic

Human Electronics

THYRISTER CONTROLLED D.C.ARC WELDER

## CLEAN ARC **SS**



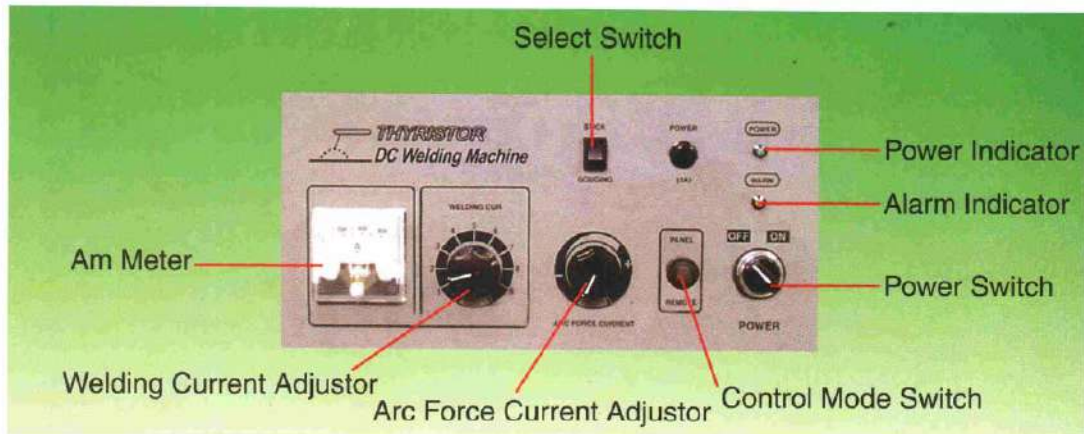
EXCELLENT &  
HIGH RELIABLE  
CLEAN-ARC SERIES  
D.C. ARC WELDER.

### Specifications

Model		YD-300SS3	YD-400SS3	YD-630SS3
Rated input	kVA (kW)	16.1(13.5)	26.3(19.5)	47.6(39)
Phase, Frequency	Hz	3ø 50/60		
No-load voltage	V	57	64	81
Output current	Manual	A	25-300	60-400
	Gouging	A	--	--
Output voltage	Manual	V	21-32	22.4-36
	Gouging	V	--	--
Rated duty cycle	%	60	60	60
Weight	kg	119	155	225
Dimensions(WXDxH)	mm	470X560X875	436X675X762	500X690X920
Applicable carbon diameter	ømm	--	--	4.0-11



# CLEAN ARC SS300 400 630



## 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 SS300 AND 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-300SS3
	YD-400SS3
	YD-630SS3

