

SANARG

ID Series (DC TIG)



ID-2002

ID-4002

Specification

Model			SANARG 200P	SANARG 400P
Welding Power Source			ID2000	ID4000
Rated Input Voltage		V	220/240	380/415
Phase		-	Single	Three
Input Rating		kVA	8.7	24
Frequency		Hz	50/60	50/60
Duty Cycle		%	20	25
Max. No-Load Voltage		V	62/67	57/62
DC Output Current	TIG	A	5 - 200	5 - 400
	STICK	A	5-160	5 - 400
DC Output Voltage	TIG	V	18	26
	STICK	V	26	36
Initial Crater Current		A	5 - 200	5 - 400
Crater Control Function		-	STD / SLOPE / REPEAT / SPOT	
Up Slope Time		Sec	0 - 15	
Down Slope Time		Sec	0 - 25	
Gas Pre Flow Time		Sec	0.0 - 1.0	
Gas Post Flow Time		Sec	0.0 - 60.0	
Pulse Frequency		Hz	0.5 - 500	
Spot		Sec		
Memory		-	-	-
Outside Dimention (W x H x D)		mm	130 x 260 x 320	210 x 420 x 460
Total Weight		Kg	8	24

SANARG

IA Series (AC/DC TIG)



IA-2002

IA-3002

Specification

Model			SANARG 200AP	SANARG 300AP
Welding Power Source			IA2000	IA3000
Rated Input Voltage		V	220/240	380/415
Phase		-	Single	Three
Input Rating		kVA	8.7	16
Frequency		Hz	50/60	50/60
Duty Cycle		%	25	40
Max. No-Load Voltage		V	66/72	57/60
DC Output Current	TIG	A	5 - 200 (DC) / 10 - 200 (AC)	5 - 300 (DC) / 10 - 300 (AC)
	STICK	A	5 - 160 (DC) / 10 - 60 (AC)	5 - 300 (DC) / 10 - 300 (AC)
DC Output Voltage	TIG	V	18 at 200A	22 at 300A
	STICK	V	26 at 160A	32 at 300A
Initial Crater Current		A	5 - 200	5 - 300
Crater Control Function		-	STD / SLOPE / REPEAT / SPOT	
Up Slope Time		Sec	0 - 15	
Down Slope Time		Sec	0 - 25	
Gas Pre Flow Time		Sec	0.0 - 1.0	
Gas Post Flow Time		Sec	0.0 - 60.0	
Pulse Frequency		Hz	0.5 - 500	
Spot Timer		Sec	0.5 - 5.0	
Memory		-	5 Channel	5 Channel
Outside Dimention (W x H x D)		mm	80 x 360 x 420	210 x 420 x 450
Total Weight		Kg	17	27

HIGH QUALITY ASSURANCE WELDER

Stable setting of welding current with Advance High Precision Constant Current Control. With wide range of welding condition setting by using digital control for high quality welding.

HIGH QUALITY

Fully Digitized With Excellence Functions

1. Easy to see digital panel with JOG dial for multi-function setting
2. Individual setting for Preflow and Post (after) flow time
3. Individual setting for Up Slope and Down Slope Time
4. Individual setting for peak(pulse) current and base current
5. Optional Setting for Pulse Width
6. Pulse frequency without stepless adjustment

Function For Welding Defect Prevention

To prevent welding defect occurred during welding beginning stage, pre-flow function, initial current function, up slope is added. To prevent welding defect at the end stage, down slope, creater current function and post (after) flow function is also provided.

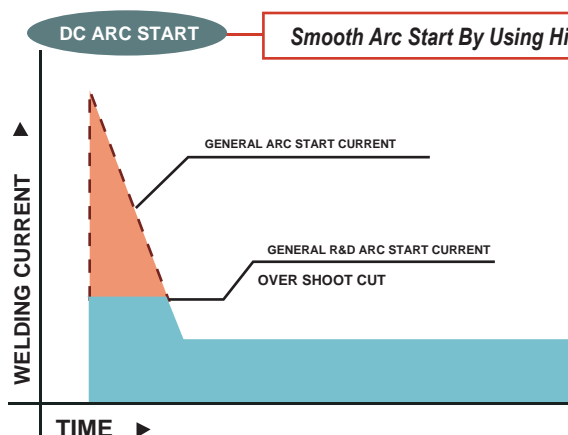
AC TIG Welding - For welding from thin to thick plate with pulse control, high quality welding can be easily achieved.

Multi TIG Welding - Excellence TIG concentration for deep melting and smooth bead appearance

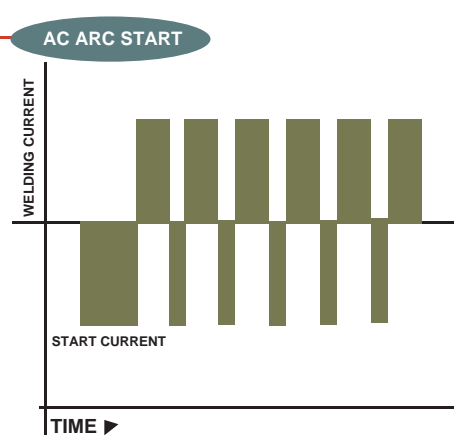
DC TIG Welding - Stable arc welding at all welding current range setting by using high speed inverter control.

DC Stick Welding - Quality achievement with less spatter during welding

	DC TIG	DC TIG Pulse	AC TIG	AC TIG Pulse	AC TIG Multi	DC Stick	AC Stick	DC Lift TIG	AC Lift TIG
DC TIG WELDER	○	○	—	—	—	○	—	○	—
AC TIG WELDER	○	○	○	○	○	○	○	○	○



By using high speed control, arc start current can be set according to plate thickness. This kind of setting is good especially for thin plate.



According to welding current, good arc start can be obtained. This is good to prevent tungsten from wear and tear easily.

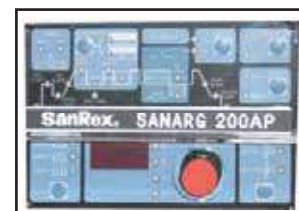
OPERATION

Easy Setting By Using Joy Dial

With LED display, setting condition can be easier and faster by using JOG dial or Up-Down switch.

Able to save 5 type of welding pattern

Enable to save up to 5 different type of high quality welding pattern condition with built-in memory circuit. Every welding parameters can be recalled easily and faster by using only one touch.



Suitable Range For Various Plate Thickness

WELD PATTERN	DC TIG WELD		AC TIG WELD		AC/DC STICK WELD	
Material	Soft Steel, Copper, Titanium, Nickel Alloy		Magnesium		Stainless Steel	
	Stainless Steel		Aluminium		Soft Steel	
Thickness (mm)	0.5-4.5	0.5-6.0	0.8-4.5	0.8-6.0	3.2-6.0	3.2-12.0
Stick (Omm)	-----	-----	-----	-----	2-4	2-6
Model	ID-2000 IA-2000	IA-3000	IA-2000	IA-3000	ID-2000 IA-2000	IA-3000