

AVAILABLE
FOR
SALES AND
RENTAL

STAR TIG 350 AC/DC PULSE

Digital Inverter Pulse TIG Welder



Solution for the welding universe



The STAR TIG 350 AC/DC welding machine is engineered to easily provide exceptional quality welds, making it the ideal choice for professionals seeking versatile and high-performance welding solutions.



KEY FEATURES OF STAR TIG 350 AC/DC PULSE

- ▶ High-end model for high-quality welding of various materials.
- ▶ Welding modes for various materials.
 - 1. MIX Mode, AC standard / soft / hard mode is available.
- ▶ Selectable AC Output frequency- makes it possible to weld a wider variety of Aluminium.
 - 1. Ideal for welding hard Aluminium (No.6000 and 7000 of JIS) and Aluminium Bronze.
 - 2. Possible to weld thin plates, thick plates and Aluminium Alloys.
- ▶ Welding modes for various job requirements.
- ▶ Mix TIG Welding.
 - 1. The concentrated arc is ideal for lap welding of thin aluminium plates.
- ▶ All Universal Welding Equipment Arc RoHS compliant.
- ▶ Extension cable up to 40m (one way).

OPTIONAL



**Water Cool
Tank**



**Gas Cylinder
Trolley**



**Remote
Control**



**Water Cool
Tig Torch**



**Foot control
Remote**

TECHNICAL SPECIFICATIONS

Technical Specification		Unit	STAR TIG 350AC/DC
Rated Input Voltage		V	415
Phase			3 Phase
Input Voltage Fluctuation Tolerance			Rated Input Voltage \pm 10%
Rated Frequency		Hz	50/60 (in common.)
Rated Input		kVA kW	10.5 9.5
No Load Voltage	DC Stick	V	Voltage reducing "ON" : 14 Voltage reducing "OFF" : 63
D.C Output Current	TIG	A	4 ~ 300
	Stick	A	4 ~ 300
D.C Output Current	MIX TIG	A	10 ~ 300
	A.C. Std. TIG	A	10 ~ 300
	A.C. Hard TIG	V	20 ~ 300
	A.C. Soft TIG	V	10 ~ 200
Rated D.C Output Voltage	TIG	V	10.2 ~ 22
	Stick	V	10.2 ~ 22
Rated A.C Output Voltage	MIX TIG	V	10.4 ~ 21
	A.C. Std. TIG	V	10.8 ~ 22
	A.C. Hard TIG	V	10.8 ~ 22
	A.C. Soft TIG	V	10.4 ~ 18
A.C. Std Mix Initial Crater Current		A	10 ~ 300
D.C. Initial Crater Current		A	4 ~ 300
A.C. Soft Initial Crater Current		A	10 ~ 200
A.C. Hard Initial Crater Current		A	20 ~ 300
Rated Duty Cycle		%	40
Gas Preflow Time		S	0.3
Gas Postflow Time		S	2 ~ 20
Upslope Time		S	0 or 0.1 ~ 5 N.B 1)
Downslope Time		S	0 or 0.2 ~ 10 N.B 1)
Pulse Frequency	Middle Pulse	Hz	10 ~ 500
	Low Pulse	Hz	0.5 ~ 25
Pulse Width		%	15 ~ 85
Cleaning Width			A.C. Std TIG, Mix TIG, A.C. Soft TIG, A.C. Hard TIG
Mix TIG Frequency		Hz	0.5 - 10
Crater Control Process			"ON" "OFF" "REPEAT"
Outside Dimension		mm	380 (W) x 530 (D) x 730 (H)
Mass		kg	74

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