



TIG DC IGBT Inverter



T 300 h

T 350 h

Main Applications

- Installations and outfitting
- Repair and maintenance
- Chemical and process industry
- Mechanical and electrical
- Pipe welding
- Steel fabricator
- Heavy industries

Advantageous

- TIG DC with HF and 2T & 4T functions
- Selector switch for Tig welding with Lift Arc ignition
- Adjustable down slope 0 ~ 5 s and post flow time 0 ~ 5 s
- Full 100% duty cycle
- VA digital display for accuracy setting
- Dual functions, TIG HF and MMA with IGBT Inverter technology
- Useable at generator supply
- Constructed to be used on work sites and extreme conditions
- Adjustable Hot Start and Anti Stick functions
- Adjustable Arc Force function to reduce spatter
- Minimum amount of spatters
- Exceptional ignition and excellent arc welding characteristics
- Arc length selection for easy root pass or overhead welding
- Lightweight and portable

TIG	T 300 h	T 350 h
Tungsten range	1.6 - 4.0 mm	1.6 - 4.0 mm
Material thickness	1 - 8 mm	1 - 10 mm

MMA	T 300 h	T 350 h
Electrode range	1.6 - 6.0 mm	1.6 - 7.0 mm
Material thickness	1 - 14 mm	1 - 16 mm

Specifications	T 300 h	T 350 h
Welding range	10 - 300 A	10 - 350 A
Load voltage	20.4 - 30.0 V	20.4 - 32.0 V
Open circuit voltage	78 V	78 V
Current at 100 % (40°C)	300 A	350 A
Input power at 100 %	11.0 KVA	14.6 KVA
Input current at 100 %	13.0 A	17.2 A
Input phase	3 Phase	3 Phase
Main voltage, Tolerance	380 V, ± 10 %	380 V, ± 10 %
Frequency	50 / 60 Hz	50 / 60 Hz
Power factor	0.98	0.98
Index protection	IP 23	IP 23
Insulation class	F	F
Cooling	F	F
Dimensions (L x W x H)	545 x 305 x 555 mm	545 x 305 x 555 mm
Weight	45 Kg	47 Kg

Item Code	Item Name	MoQ
101.14.001.1	T 300 h - TIG Inverter Air Cooled Package	1 Set
101.14.001.2	T 300 h - TIG Inverter Water Cooled Package	1 Set
101.14.002.1	T 350 h - TIG Inverter Air Cooled Package	1 Set
101.14.002.2	T 350 h - TIG Inverter Water Cooled Package	1 Set

101.14.001.1	101.14.001.2	101.14.002.1	101.14.002.2
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Item Code	Item Name	MoQ	101.14.001.1	101.14.001.2	101.14.002.1	101.14.002.2
Standard Accessories						
101.14.001	TIG DC IGBT Inverter - T 300 h	1 Unit	•	•		
101.14.002	TIG DC IGBT Inverter - T 350 h	1 Unit			•	•
201.11.012	Cable Power 4 x 2.5 mm	1 Set	•	•	•	•
201.11.013	Plug to Ground Clamp 600 A, 50 mm ² at 5 m - Hd series	1 Set	•	•	•	•
201.23.001	Argon Gas Regulator	1 Pcs	•	•	•	•
201.26.007	Kit - S 250/300 hd	1 Set	•	•	•	•
208.12.001	Regulator Gas Hose - Blue at 1.5 m	1 Set	•	•	•	•
101.12.003	D 300 - Water Cooler Machine	1 Set		•		•
208.11.001	Water Cooled Hose Package - Blue & Red at 1 m	1 Set		•		•

Standard Alternative

203.16.010	Tig Torch - SINTIG 26 at 4 m	1 Set	•		•	
203.16.012	Tig Torch - SINTIG 26 at 8 m	1 Set	•		•	
203.16.007	Tig Torch - SINTIG 17 at 4 m	1 Set	•		•	
203.16.009	Tig Torch - SINTIG 17 at 8 m	1 Set	•		•	
203.16.015	Tig Torch - SINTIG 9 at 4 m	1 Set	•		•	
203.16.017	Tig Torch SINTIG 20 at 4 m	1 Set		•		•
203.16.013	Tig Torch SINTIG 18 at 4 m	1 Set		•		•
203.16.014	Tig Torch SINTIG 18 at 8 m	1 Set		•		•
201.22.009	Welding Helmet - Solarmatic Blue	1 Pcs	•	•	•	•
201.22.010	Welding Helmet - Solarmatic Red	1 Pcs	•	•	•	•
201.22.011	Welding Helmet - Solarmatic Green	1 Pcs	•	•	•	•

Optional Accessories for SMAW / MMA

208.03.005	Plug to Electrode Holder 400 A, 50 mm ² at 5 m	1 Set	•	•	•	•
208.03.006	Plug to Electrode Holder 400 A, 50 mm ² at 10 m	1 Set	•	•	•	•
208.03.007	Plug to Electrode Holder 400 A, 50 mm ² at 20 m	1 Set	•	•	•	•

General Accessories

137.01.001	Tungsten Grinder - 240V-50/60HZ - Neutrix	1 Unit	•	•	•	•
208.18.001	Torch Holder - TIG	1 Pcs	•	•	•	•



Material	Thickness mm	Tungsten Ø mm	Welding Current A	Alumina Ceramic Nozzle
Steel / Stainless Steel	1.0	1.6	10 - 60	4
	1.5	1.6	40 - 80	5
	2.0	1.6	70 - 120	5
	3.0	1.6 - 2.4	90 - 150	6
	4.0	2.4	140 - 180	7
Copper	1.0	1.6	60 - 80	4
	1.5	1.6	100 - 150	5
	3.0	2.4	150 - 180	6