

ET 201i DC

Portable DC HF Stick/TIG System



ET 201i DC features Stick, HF (high frequency) TIG, and Lift TIG welding capabilities in one integrated portable package with 200 A welding output - best in class for size and weight.

Features like multi-voltage input (120 V or 208/230 V), 4T trigger control, remote receptacle for connecting remote control devices like foot control or torch slide control, and overload protection set this machine apart. Power factor correction (PFC) delivers up to 40% power savings compared to conventional TIG/Stick welders.

- DC output for TIG welding stainless, mild steel and chrome molys
- Preflow and postflow - preset values over shielding gas before and after the weld
- Downslope control eliminates cracking at the end of the weld and HF arc start provides non-contact TIG starting eliminating tungsten or material contamination
- Gas solenoid valve eliminates manual gas control on the torch
- 200 A of output capable of welding 2.4 - 4.0 mm (3/32 - 5/32 in.) electrodes and fixed hot start and adjustable arc force control for optimum Stick electrode performance

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Industry

- Light Fabrication
- Repair and Maintenance
- Agricultural Equipment
- Hobbyist



ET 201i DC complete package

ET 201i DC

Specifications	
Primary Voltage	120, 208/230 VAC
Supply Voltage Range:	104 – 127 VAC, 115 V / 187 – 253 VAC, 208/230 V
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Supply Plug	NEMA 6-50P
Rated kVA @ Max Amp:	5 kVA, 115 V / 6 kVA, 208/230 V
Lead Cord Length	3 m (10 ft.)
Maximum Input Current	32 A
Maximum Output	200 A
STICK (SMAW) Welding Output @104°F (40°C)	70 A/22.8 V @ 70% duty cycle, 115 V, 15 A 100 A/24 V @ 25% duty cycle, 115 V, 20 A 200 A/28 V @ 20% duty cycle, 230 V
TIG (GTAW) Welding Output @ 104°F (40°C)	100 A/14 V @ 60% duty cycle, 115 V, 15 A 150 A/16 V @ 34% duty cycle, 115 V, 20 A 200 A/18 V @ 25% duty cycle, 230 V
Current Range	TIG 10 – 160 A / Stick 10 – 125 A / TIG/Stick 10 – 200 A
Nominal open circuit voltage	71 V
Warranty Period	3 Years
Approvals	IEC 60974-1, CSA E60974-1, UL 60974-1
Protection Class	IP23S
Power Source Dimensions, LxWxH	450 x 135 x 230 mm (17.7 x 5.3 x 9 in.)
Power Source Weight	9.7 kg (21.6 lbs)

Ordering Information	
Description	Part Number
ET 201i DC TIG/Stick Package	W1003807
<i>Includes: ET 201i DC power supply, 200 A electrode holder with 4 m (13 ft.) lead, 200 A ground clamp with 3 m (10 ft.) lead, 26 style TIG torch 3.8 m (12.5 ft.) and accessory kit, Victor argon flowgauge regulator, gas hose, adapter plug from 230 V 50 A to 120 V 15 A circuits, operator's manual and CD, 4 general purpose stick electrodes (E6013), and carry case.</i>	

Options & Accessories	
Description	Part Number
TIG Torch 26 with Integrated Controls	W4013600
Tweco 200 A Electrode Holder and Lead Assembly, 13 ft. (4 m)	9110-1177
Tweco 200 A Ground Clamp and Lead Assembly, 10 ft. (3 m)	9255-1140
Victor Argon Flow Gauge Regulator GF-250-50-580	0781-9411
Gas Hose, 12.5 ft. (3.8 m) Male 5/8-18UNF	W4013900
Foot Control, 15 ft. (4.6 m) cable and 8-pin Male Plug	600285
Power Adapter 230 V to 120 V, 15 A	W4014000
Large Toolbox Case	W4012802



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COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =