

# ET 141i AC/DC

## Portable AC/DC HF TIG/Stick Welding System



The ET 141i AC/DC is a complete, multi-process TIG and Stick system ideal for applications where power is limited to 120 VAC. Lightweight and reduced in size for versatility and portability. Fully featured professional performance capability with preset controls for ease of use in DIY applications. HF Arc Start provides non-contact arc starting that eliminates tungsten or material contamination.

- AC Frequency preset sets the frequency of the AC square wave and Wave Balance sets the penetration to cleaning ratio when welding on aluminum
- AC/DC TIG mode selection for aluminum and ferrous alloys, stainless and mild steel, and chrome molys
- Lift TIG Start provides optimized TIG arc starting without the use of high frequency
- Preflow and postflow preset controls shielding gas before and after the weld
- Hot Start ensures good arc starting when Stick welding

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### Industry

- Automotive
- Transportation
- Light Fabrication
- Repair and Maintenance
- Hobbyist



ET 141i AC/DC system complete package with foot control and basic utility cart (W1006314).

# ET 141i AC/DC

Specifications	
Primary voltage	Nominal 120 VAC
Supply voltage	108 - 132 VAC
Supply frequency	50/60 Hz
Number of phases	1 ph
Supply plug	NEMA 5-20P
Rated kVA @ 180 Amp	5 kVA
Lead cord length	3 m (10 ft.)
Maximum output	140 A
TIG (GTAW) welding output 40°C (104°F)	140 A/15.6 V @ 20% duty cycle 75 A/13 V @ 60% duty cycle 60 A/12.4 V @ 100% duty cycle
Stick (SMAW) welding output 40°C (104°F)	90 A/23.6 V @ 20% duty cycle
Current range	10 - 140 A
Maximum open circuit voltage	77.6 VDC/92.8 VAC
Approvals	CSA E60974-1-00, UL 60974-1, IEC 60974-1
Protection class	IP23S
Warranty period	3 years*
Dimensions, L x W x H	432 x 240 x 400 mm (17 x 9.45 x 15.75 in.)
Weight	22 kg (48.4 lbs)

Ordering Information	
Description	Part Number
ET 141i AC/DC TIG/Stick System <i>Includes: ET 141i AC/DC power supply, argon flowguage regulator and 3.8 m (12.5 ft.) hose, TIG torch and accessories, 17 Style, 4 m (13 ft.), 4 general purpose stick electrodes (E6013), power adapter 120V 20A to 15A, 3 m (10 ft.) power cord and NEMA 5-20P 120 VAC plug, 150A electrode holder with 4 m (13 ft.) lead, 150A ground clamp with 3 m (10 ft.) lead, operator's manual.</i>	W1006311
ET 141i AC/DC TIG/Stick System with Foot Control <i>Includes: all components from W1006311 plus foot control with 4.6 m (15 ft.) cable.</i>	W1006313
ET 141i AC/DC TIG/Stick System with Foot Control & Basic Utility Cart <i>Includes: all components from W1006311 plus foot control with 4.6 m (15 ft.) cable and basic utility cart.</i>	W1006314

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Options & Accessories	
Description	Part Number
TIG Torch and Accessories, 17 Style, 4 m (13 ft.)	W4012701
Electrode Holder 200A and Lead Assembly, 4 m (13 ft.), 50 mm	1201-9577
Ground Clamp 200 A and Lead Assembly, 3 m (10 ft.), 50 mm	1201-9585
Victor Argon Flow Gauge Regulator GF-250-50-580	0781-9411
Gas Hose, 3.8 m (12.5 ft.), Male 5/8-18UNF	W4013900
Foot Control, 4.6 m (15 ft.) cable and 8-pin Male Plug	W4013200
Power adapter, 120V 20A to 15A	W4013300
Basic Utility Cart, max 177.8 mm (7 in.) diameter cylinder	W4014700





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