

ES 95i

Portable DC Stick and Stick/TIG Welding Systems



The ES 95i DC Stick and Stick/TIG welding systems are lightweight at only 4.4 kg (9.7 lbs) for portability, suitable for outdoor use, and comes complete with everything you need to start welding.

- DC output for TIG welding stainless, mild steel, and chrome molys
- Lift TIG Start provides optimized TIG arc starting without the use of high frequency
- 90 A of output capable of welding 2.4 mm (3/32 in.) electrodes
- Fixed Hot Start & Arc Force for optimum Stick electrode performance
- Overload Protection shuts down the power source to protect the internal electrical components

Visit esab.com for more information.

Industry

- Light Fabrication
- Repair and Maintenance
- Hobbyist



ES 95i DC Stick complete package (W1003209).



ES 95i DC Stick/TIG complete package (W1003210).

ES 95i

Specifications	
Primary voltage	120 VAC
Supply voltage range	104 - 127 VAC
Supply frequency	50/60 Hz
Number of phases	1 ph
Supply plug	NEMA 5-20P
Rated kVA @ Max Amp	6 kVA
Lead cord length	3 m (10 ft.)
Maximum output	95 A
TIG (GTAW) welding output 40°C (104°F)	85 A/13.4 V @ 25% duty cycle, 115 V, 15 A 95 A/13.8 V @ 20% duty cycle, 115 V, 20 A
Stick (SMAW) welding output 40°C (104°F)	60 A/22.4 V @ 45% duty cycle, 115 V, 15 A 90 A/23.6 V @ 20% duty cycle, 115 V, 20 A
Current range	TIG 10 - 95 A Stick 10 - 90 A
Nominal open circuit voltage	60 VDC
Approvals	IEC 60974-1, CSA E60974-1, UL 60974-1
Protection class	IP23S
Warranty period	1 year
Dimensions, L x W x H	330 x 130 x 230 mm (13 x 5.1 x 9 in.)
Weight	4.4 kg (9.7 lbs)

Ordering Information	
Description	Part Number
ES 95i Portable DC Stick Package <i>Includes: ES 95i power supply, electrode holder with 4 m (13 ft.) lead, ground clamp with 3 m (10 ft.) lead, 15-20 A power adapter plug and cable, operator's manual and CD, 4 general purpose Stick electrodes (E6013), carry case.</i>	W1003209
ES 95i Portable DC Stick/TIG Package <i>Includes: all components from W1003209 plus 17V style TIG torch 3 m (10 ft.) and accessory kit with Victor Argon Flowgauge Regulator.</i>	W1003210

Options & Accessories	
Description	Part Number
TIG Torch and Accessories, 17V Style, 3 m (10 ft.)	W4012500
Electrode Holder and Lead Assembly, 4 m (13 ft.), 25 mm	W7003106
Ground Clamp and Lead Assembly, 3 m (10 ft.), 25 mm	W7003105
Victor Argon Flow Gauge Regulator GF-250-50-580	0781-9411
Dinse Adapter, 50 mm Female to 25 mm Male	W4017500
Power Adapter, 120V 20A to 15A	W4013300
Small Toolbox Case	W4012801



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