



MiniArc® 161LTS

Power Source



- The MiniArc 161 Automatic Primary Select operates on either 115 or 230 VAC and will automatically configure to the primary input supplied
- Fixed hot start - allows the operator to easily strike an arc without the electrode sticking to the plate
- Fixed arc force - allows the operator to get deeper penetration into the plate without the electrode sticking to the plate
- Lift arc tig gives you the luxury of lifting the tungsten as opposed to traditional scratch starting which can deposit tungsten into the plate resulting in contamination
- Able to use cellulosic 6010 electrodes with ease
- 18 Pound weight - Makes this unit portable and easy to carry directly to the job
- Comes with a rugged carrying case and a shoulder strap
- Includes 10 ft. work cable with clamp, 10 ft. welding cable with electrode holder
- Thermal indicator prevents the machine from becoming damaged if airflow is blocked or from exceeding the duty cycle
- Simple interface - amperage knob, stick/TIG switch and on/off switch on front panel of unit
- Small and portable, inverter based
- 5 to 160 Amps current range for DC Welding



Ordering Information

MiniArc 161LTS, Stick Package 0558101694
Includes power source with 10 ft. power cord, 115V/230 input power adapter cable, 10 ft. heavy duty ground cable and clamp, 10 ft. heavy duty electrode holder and cable and sample pack of ESAB electrodes.

MiniArc 161LTS, Tig Package 0558101699
Includes power source with 10 ft. power cord, 115V/230 input power adapter cable, 10 ft. heavy duty ground cable and clamp, 10 ft. heavy duty electrode holder and cable and sample pack of ESAB electrodes, HW-17F torch, R33 reg/flowmeter and TIG accessory kit.

Options / Accessories

Return cable with clamp 0700300863
Welding cable with electrode holder 0700300862

Specifications

	MiniArc 161LTS
Input Voltage	115/230 VAC, 1 ph., 60 Hz
Voltage Tolerance	+/- 15%
115V Operating Data	
Output Range (Stick)	5 A/110 A
Stick Duty Cycle / Rated Output	110 A/24.4 V@35% 60 A/22.4 V@100%
Output Range (Lift Tig)	5 A/110 A
Lift TIG Duty Cycle / Rated Output	110 A/14.4 V@35% 60 A/12.4 V@100%
Primary Current	
100% Duty Cycle	32.5 A Stick/22.5 A Tig
35% Duty Cycle	19 A Stick/10.5 A Tig
Open Circuit Voltage (max)	80 V Stick/15 V Tig
230V Operating Data	
Output Range (Stick)	5 A/110 A
Stick Duty Cycle / Rated Output	160 A/26.4 V@35% 88 A/23.5 V@100%
Output Range (Lift Tig)	5 A/160 A
Lift TIG Duty Cycle / Rated Output	160 A/16.4 V@35% 88 A/16.4 V@100%
Primary Current	
100% Duty Cycle	14.5 A Stick/8.4 A Tig
35% Duty Cycle	28.5 A Stick/18.5 A Tig
Open Circuit Voltage (max)	80 V Stick/ 15 V Tig
Efficiency	80%
Power Factor	.73
Net Weight	18 lbs. (8 kg)
Dimensions W x L x H	5.75 x 15.75 x 10 in. (146 x 400 x 255 mm)

Tig / Stick
Power Sources

