

MiniArc® 161LTS



The welder's choice for a STICK/TIG package, this lightweight welding machine is packed full of features giving you the ability to tackle any job with ease. System comes fully assembled, ready to weld.

- Automatic Primary Select operates on either 115V or 230V and automatically configures to the primary input supplied
- Able to use cellulosic 6010 electrodes with ease
- 13.6 kg (18 lbs.) weight with adjustable shoulder strap and carrying case makes this unit portable and easy to carry directly to the job
- 5A to 160A current range for DC welding
- Hot Start, Arc Force and Lift Arc TIG are standard on all models

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Specifications				
MiniArc 161LTS	SMAW (Stick)		GTAW (TIG)	
	115V	230V	115V	230V
Input voltage	115V, 1 ph, 50/60Hz	230V, 1 ph, 50/60Hz	115V, 1 ph, 50/60Hz	230V, 1 ph, 50/60Hz
Voltage tolerance	+/- 15%	+/- 15%	+/- 15%	+/- 15%
Output range	5A/110A	5A/160A	5A/110A	5A/160A
Permitted load at: 35% duty cycle 100% duty cycle	110A/24.4V 60A/22.4V	160A/26.4V 88A/23.5 V	110A/14.4V 60A/12.4V	160A/16.4V 88/16.4V
Primary current at: 100% duty cycle 35% duty cycle	19A 32.5A	14.5A 28.5A	10.5A 22.5A	8.4A 18.5A
Open circuit voltage (max)	80V	80V	15V	15V
Efficiency	80%		80%	
Power factor	0.73		0.73	
Net weight, lbs. (kg)	8 kg (18 lbs)		8 kg (18 lbs)	
Dimensions, LxWxH	400x146x255 mm (15.75x5.75x10 in.)		400x146x255 mm (15.75x5.75x10 in.)	

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Ordering Information

Description	Part Number
MiniArc 161LTS, 115/230V, 1ph, SMAW	0558101694
MiniArc 161LTS, 115/230V, 1ph, GTAW	0558101699
MiniArc 161LTS, 115/230V, 1ph, SMAW, w/case	0558011934
MiniArc 161LTS, 115/230V, 1ph, GTAW, w/case	0558102202
<i>Includes: power source with 10 ft. (3 m) power cord, 115/230V input power adapter cable, 10 ft. (3 m) heavy-duty ground cable and clamp, 10 ft. (3 m), heavy-duty electrode holder and cable.</i>	
<i>GTAW Package also includes HW-17FV torch, R33 reg/flowmeter, and GTAW accessory kit.</i>	

Options & Accessories

Description	Part Number
Plug adaptor 2ft 115V Miniarc	0558007830
Plug adaptor 2ft 230V Miniarc	0558007829
Welding cable 200A, 16.4 ft. (5 m) OKC25	0700006882
Return cable 200A, 16.4 ft. (5 m) OKC25	0700006883
GTAW torch, 17FV, 20 ft. (6 m) & accessory kit	0558101723
HRF1425-580 Reg-FM W/CGA-032 Hose ftgs	0781-2809
GTAW torch accessory kit	999126
Carrying case	0558011935



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