



MiniArc® 150APS

- The MiniArc 150 Automatic Primary Select operates on either 110 or 230 vac and will automatically configure to the primary input supplied
- Designed to provide outstanding welding performance for Touch Tig™ and Stick welding
- 18 Pound weight - Makes this unit portable and easy to carry directly to the job.
- Convenient sturdy plastic case accommodates the MiniArc, welding cables, Tig torch and other accessories
- Direct connections for Tig torch and electrode holder for maximum convenience and easy polarity change
- Standard 14 Pin receptacle for remote current control
- Tig welding with touch-start ignition selectable from the front panel
- Protected against overheating and overcurrent
- Small and portable, inverter based
- 5 to 150 Amps current range for DC Welding
- Continuous current control for easy fine tuning
- Low current draw

Ordering Information

MiniArc 150APS

MiniArc 150APS, Stick Package 0558003314
MiniArc 150APS stick package includes power source, 10 ft. work cable w/clamp, 10 ft. welding cable w/electrode holder and 1# 6013LV electrodes and plastic carrying suitcase.

MiniArc 150APS, Tig Package 0558003316
MiniArc 150APS Tig package includes power source, HW-17V 20ft., HW-17 Accessory Kit, R33-FM580 Reg/Flowmeter, 10 ft. work cable w/clamp, 10 ft. welding cable w/electrode holder and 1# 6013LV electrodes and plastic carrying suitcase.

Options & Accessories

HW-17 Accessory Kit999126
R-33 FM 580 Reg/Flowmeter21557
Power Extension Cord, 25 ft. (230V- 50 amp)..... 37833
HW-17V 20 ft. w/25mm QC 0558002690
MMA welding and return cable kit (25mm)
 ("crocodile" type holder) x 10ft. 0349501078
Replacement AF-1 Electrode holder only..... 882F25
Work cable (25mm) x 10 ft. w/clamp..... 0369857881
Replacement EG-300 Work Clamp only..... 82F31
TC-2B Torch Control - 25 ft. cable with 14 pin plug 33839
 Attach to torch handle. Provides remote current control only.
FC-5C Foot Control - 30 ft. (9.1 m)..... 0558004234

Instruction Manual**F15-725**
Sales Literature..... (12-01-2006) **ARC-23118**



Specifications

MiniArc 150APS

Primary Input Voltage/Phase..... 115/208/230 vac, 1 ph., 50/60 Hz.
 Voltage Tolerance +/- 10%

115V Operating Data:

Output Range (Stick) 5A/20V to 85A/23.5V
 Stick Duty Cycle & Rated Output 100% - 85 amps @ 23.4 V
 Output Range (Tig) 5A/20V to 100A/14V
 TIG Duty Cycle & Rated Output 100% - 100 amps @ 14.0 V
 TIG Duty Cycle & Rated Output 60% - 130 amps @ 15.0 V
 Primary Input Current @ 100% Duty Cycle..... 19 Amps
 Primary Input Current @ 60% Duty Cycle..... 26 Amps
 Open Circuit Voltage (max) 83V

230V Operating Data:

Output Range 5A/20V to 150A/26V
 Stick Duty Cycle 110 amps/24.5 V @ 100%
 Stick Duty Cycle 140 amps/25.6 V @ 60%
 TIG Duty Cycle 110 amps/14.5 V @ 100%
 TIG Duty Cycle 150 amps/16 V @ 60%
 Primary Input Current @ 100% Duty Cycle..... 17 Amps
 Primary Input Current @ 60% Duty Cycle..... 23 Amps
 Open Circuit Voltage (max) 83V
 Efficiency..... 83%
 Power Factor81
 Net Weight..... 18 lbs. (9 kg)
 W x L x H..... 5.75 in. (146mm) x 15 in. (381mm) x 11in. (279mm)