

P-70

Portable Power Pack Unit

The Portable Power Packs are convenient and economical inspection units that are used in a wide range of magnetic particle applications that require only moderate power. They are ideal for large or heavy parts, in-service mobile equipment or job-site welds.



BENEFITS

Faster part processing

- Find surface defects with AC current; switch cable connection to half wave DC (HWDC) for near-surface flaws
- Locate defects in any direction using prods, central conductor, coil (wrap part with 3-5 turns of cable)
- Infinitely variable current control
- Demagnetize your parts in AC mode by slowly turning the current dial to zero
- Built-in automatic-reset circuit breaker
- May be used as the main power source for the Magnaflux MAG Kit modular bench inspection system

SPECIFICATIONS

- Length: 17.5" (44.5 cm)
- Width: 9" (22.9 cm)
- Height: 8" (20.3cm)
- Maximum Output*: 750 amps, AC or HWDC
- Current Input Single Phase: 115/230 Volts, 50/60 Hertz, single phase power

- Line Current: 26 amps @ 115 VAC; 13 amps @ 230 VAC
- Maximum Duty Cycle: 2 minutes ON, 2 minutes OFF
- Unit Weight: 35 lbs. (15.9 kg)

Note: Current ratings are based on the use of two 15-foot length of 4/0 Cable

ACCESSORIES AND CABLES FOR START-UP

- Cable 4/0, 15 ft. with Quick Connects at both ends (Part Number 628833-180)
- Remote palm button cable, 15 ft. (Part Number 169621)
- Pie field indicator (Part Number 169799)
- Pump assembly, 5 gallon, 115 volt (Part Number 69390)
- Either end lug adaptor, changes lug terminals to either end terminals

Unit Comparison Chart		
	Model P-70	Model P-1500
Dimensions	17.5"Lx9"Wx8"H	22"Lx9.5"Wx9.5"H
	44.5x23x19.1cm	55.8x24.3x24.3cm
Weight	35 lbs. (15.9 kg)	93 lbs. (42.2 kg)
Max Output	750 Amps AC or HWDC	1500 Amps AC or HWDC
Current Output² (single phase)	115 VAC 50/60 Hz	230 VAC 50/60 Hz
	230 VAC 50/60 Hz	460 VAC 50/60 Hz
Line Current	26 Amps @ 115 VAC	42 Amps @ 230 VAC
	13 Amps @ 230 VAC	21 Amps @ 460 VAC
Max Duty Cycle	2 Minutes ON	2 Minutes ON
	2 Minutes OFF	2 Minutes OFF
¹ Current ratings based on use of two 15-foot lengths of 4/0 cable. ² Other voltages available.		

PART NUMBER

P-70, 115V 628822

P-70, 230V 628826