

P-1500 PORTABLE POWER PACK UNIT



GENERAL DESCRIPTION

The Magnaflux[®] 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

- 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: 22" (55.9 cm)
- Width: 9.5" (24.1 cm)
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- Maximum Output*: 1500 amps, AC or HWDC
- Current Input Single Phase: 230/460 Volts, 50/60 Hz, single phase power
- Line Current: 42 amps @ 230 VAC; 21 amps @ 460 VAC
- Maximum Duty Cycle: 2 minutes ON, 2 minutes OFF
- Unit Weight: 93 lbs. (42.2 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 either ends at both ends (Part Number 11308)
- Remote palm button cable, 15 ft. (Part Number 169621)
- Powder spray bulb w/aluminum head (Part Number 501232)
- 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"L x 9"W x 8"H 44.5 x 23 x 19.1 cm	22"L x 9.5"W x 9.5"H 55.8 x 24.3 x 24.3 cm
WEIGHT	35 lbs. (15.9 kg)	93 lbs. (42.2 kg)
MAX OUTPUT¹	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 13 Amps @ 230 VAC	42 Amps @ 230 VAC 21 Amps @ 460 VAC
MAX DUTY CYCLE	2 Minutes ON 2 Minutes OFF	2 Minutes ON 2 Minutes OFF
¹ Current ratings based on use of two 15-foot lengths of 4/0 cable. ² Other voltages available.		