

P-70, P-1500

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Portable Power Pack Units

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

- 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

FEATURES

- 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

ACCESSORIES AND CABLES FOR START-UP

- Cable 4/0, 15 ft. with Quick Connects at both ends (Part Number 11308)
- Remote palm button cable, 15 ft. (Part Number 169621)
- Pie field indicator (Part Number 169799)
- Pump assembly, 5 gallon, 115 volt (Part Number 69390)
- P-Unit Retrofit Kit (Part Number 628882)



P-70



P-1500

SPECIFICATIONS

Unit		
	Model P-70	Model P-1500
Foot Print	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)
Maximum Output¹	750 Amps	1500 Amps
	AC or HWDC	AC or HWDC
Current Output² (single phase)	115 VAC	230 VAC
	50/60 Hz	50/60 Hz
	230 VAC	460 VAC
Line Current	50/60 Hz	50/60 Hz
	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

REMOTE ASSEMBLIES



157657



622124



169621

GENERAL DESCRIPTION

The Magnaflux® Remote Assemblies allow remote energizing of portable units.

REMOTE CONTROL CABLES

The Magnaflux® Remote Control Cables are 15' (4.57m) cables that allow remote energizing of portable power packs. These cables are available standard with a 3 PTL plug.

Part Numbers

157657: Remote Control Cable for use with P-Series

622124: Remote Control Pendant for use with M-Series

REMOTE PALM BUTTON

The Magnaflux® Remote Palm Button mounts onto the side of the MAG kit for energizing current from power pack. The Remote Palm Button is available standard with a 3 PTL plug.

Part Number

169621: Mag Kit Remote Palm Button

SPECIFICATIONS COMPLIANCE

ASTM E709-08 (Section 6.4.1)

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