

P-70, P-1500

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
- All P-70 and P-1500 portable power packs come with a 15 ft / 4.5 m remote control cable (PN 626797)

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 either ends at both ends (PN 628833-180)
- Pie field indicator (PN 169799)
- Pump assembly, 5 gallon, 115 volt (PN 69390)
- Either end lug adaptor, changes lug terminals to either end terminals


P-70

P-1500

SPECIFICATIONS

| Unit Comparison Chart | | |
|---|--|---|
| | Model P-70 | Model P-1500 |
| Footprint | 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. | | |

PART NUMBERS

| | P-70 | P-1500 |
|-------------|--------|--------|
| 115V | 628822 | 628824 |
| 230V | 628826 | 628825 |