

## P-70 PORTABLE POWER PACK UNIT



### GENERAL DESCRIPTION

The Magnaflux<sup>®</sup> 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: 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 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

| <b>UNIT COMPARISON CHART</b>   |   |   |
|--|---|---|
|  | <b>MODEL P-70</b>                         | <b>MODEL P-1500</b>                           |
| <b>DIMENSIONS</b>  | 17.5"L x 9"W x 8"H<br>44.5 x 23 x 19.1 cm | 22"L x 9.5"W x 9.5"H<br>55.8 x 24.3 x 24.3 cm |
| <b>WEIGHT</b>  | 35 lbs. (15.9 kg)                         | 93 lbs. (42.2 kg)                             |
| <b>MAX OUTPUT<sup>1</sup></b>  | 750 Amps<br>AC or HWDC                    | 1500 Amps<br>AC or HWDC                       |
| <b>CURRENT OUTPUT<sup>2</sup><br/>(single phase)</b>   | 115 VAC 50/60 Hz<br>230 VAC 50/60 Hz      | 230 VAC 50/60 Hz<br>460 VAC 50/60 Hz          |
| <b>LINE CURRENT</b>  | 26 Amps @ 115 VAC<br>13 Amps @ 230 VAC    | 42 Amps @ 230 VAC<br>21 Amps @ 460 VAC        |
| <b>MAX DUTY CYCLE</b>  | 2 Minutes ON<br>2 Minutes OFF             | 2 Minutes ON<br>2 Minutes OFF                 |
| <sup>1</sup> Current ratings based on use of two 15-foot lengths of 4/0 cable.<br><sup>2</sup> Other voltages available. |   |   |