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: 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)
- 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

<table>
<thead>
<tr>
<th>UNIT COMPARISON CHART</th>
<th>MODEL P-70</th>
<th>MODEL P-1500</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>17.5&quot;L x 9&quot;W x 8&quot;H 44.5 x 23 x 19.1 cm</td>
<td>22&quot;L x 9.5&quot;W x 9.5&quot;H 55.8 x 24.3 x 24.3 cm</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>35 lbs. (15.9 kg)</td>
<td>93 lbs. (42.2 kg)</td>
</tr>
<tr>
<td><strong>MAX OUTPUT</strong>¹</td>
<td>750 Amps AC or HWDC</td>
<td>1500 Amps AC or HWDC</td>
</tr>
<tr>
<td><strong>CURRENT OUTPUT</strong>² (single phase)</td>
<td>115 VAC 50/60 Hz 230 VAC 50/60 Hz</td>
<td>230 VAC 50/60 Hz 460 VAC 50/60 Hz</td>
</tr>
<tr>
<td><strong>LINE CURRENT</strong></td>
<td>26 Amps @ 115 VAC 13 Amps @ 230 VAC</td>
<td>42 Amps @ 230 VAC 21 Amps @ 460 VAC</td>
</tr>
<tr>
<td><strong>MAX DUTY CYCLE</strong></td>
<td>2 Minutes ON 2 Minutes OFF</td>
<td>2 Minutes ON 2 Minutes OFF</td>
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</table>

¹Current ratings based on use of two 15-foot lengths of 4/0 cable.  
²Other voltages available.