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)
- 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

<table>
<thead>
<tr>
<th></th>
<th>MODEL P-70</th>
<th>MODEL P-1500</th>
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</thead>
<tbody>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>17.5&quot;L x 9&quot;W x 8&quot;H</td>
<td>22&quot;L x 9.5&quot;W x 9.5&quot;H</td>
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<tr>
<td></td>
<td>44.5 x 23 x 19.1 cm</td>
<td>55.8 x 24.3 x 24.3 cm</td>
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<tr>
<td><strong>WEIGHT</strong></td>
<td>35 lbs. (15.9 kg)</td>
<td>93 lbs. (42.2 kg)</td>
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<tr>
<td><strong>MAX OUTPUT¹</strong></td>
<td>750 Amps AC or HWDC</td>
<td>1500 Amps AC or HWDC</td>
</tr>
<tr>
<td><strong>CURRENT OUTPUT²</strong></td>
<td>115 VAC 50/60 Hz</td>
<td>230 VAC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>230 VAC 50/60 Hz</td>
<td>460 VAC 50/60 Hz</td>
</tr>
<tr>
<td><strong>LINE CURRENT</strong></td>
<td>26 Amps @ 115 VAC</td>
<td>42 Amps @ 230 VAC</td>
</tr>
<tr>
<td></td>
<td>13 Amps @ 230 VAC</td>
<td>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>
</tr>
</tbody>
</table>

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