DA-750 PORTABLE MAGNETIC INSPECTION UNIT
The Parker Research DA-750 portable magnetic inspection unit provides high output AC or HWDC fields for magnetic particle inspection. Field selection is determined by using the appropriate field cable connector. Current output is infinitely variable from zero to maximum by use of the current control located on the front panel, and is indicated by the panel meter. Actual current output is determined by cable size and length.

AC magnetic fields offer the best sensitivity for detection of surface defect indications. The AC field is also beneficial for demagnetizing after inspection.

Half-Wave DC magnetic fields provide for the detection of certain subsurface defect indications. DC fields penetrate a cross section of the test area rather than just the surface.

Optional magnetizing cables can be equipped with prods for circular magnetization. The cables can be wrapped around parts to form a coil for longitudinal magnetization. Demagnetization is accomplished in a similar manner.

TR700 TRANSPORT TRUCK
Low cost folding hand truck for transporting the DA-750 or DA-1500 around the inspection area. Hang the cables on the convenient peg, store inspection media in the lower tray and you're off to the next job. The folding legs can be retracted for storage or used as a hand truck for rough terrain.

TR700BR CABLE EXTENSION BRACKET
Can be attached to the truck to raise the cables overhead for ease of inspections.
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>17 3/4” (43.8 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>9 3/8” (23.8 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>8” (20.3 cm)</td>
</tr>
<tr>
<td>Maximum Output* Current</td>
<td>750 A, AC or HWDC</td>
</tr>
<tr>
<td>Line Voltage</td>
<td>115 VAC, 50/60 Hz;</td>
</tr>
<tr>
<td>Single Phase</td>
<td>230 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Line current</td>
<td>27 A @ 115 VAC; 14 A @ 230 VAC</td>
</tr>
<tr>
<td>Maximum Duty Cycle</td>
<td>2 minutes ON 2 minutes OFF</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>40 lbs. (18.1 kg)</td>
</tr>
</tbody>
</table>

*Current ratings based on the use of two 15-foot lengths of 4/0 cable

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**DA-750 PORTABLE MAGNETIC INSPECTION UNIT**

**TR700 TRANSPORT TRUCK**

**ACCESSORY ITEMS**

- **MA-7000** INDIVIDUAL PRODS (SET OF 2)
- **MA-7001** DUAL HORIZONTAL PROD ASSEMBLY
- **MA-7003** BRAIDED CONTACT CLAMP
- **MA-7EC** 4/0 EITHEREND CONNECTOR
- **MA-7EL** 4/0 EITHEREND/LUG ADAPTER
- **MA-7RC** 20’ REMOTE CONTROL CABLE ASSY
- **MA-7ST** REPLACEMENT PROD TIP (5 5/8”)
- **MC-1540** 15’ 4/0 CABLE SET(W/LUG & EITHEREND)
- **MC-1541** 15’ 4/0 CABLE SET (W/EITHERENDS)
- **TR-700BR** CABLE EXTENSION BKT

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**ACCESSORY ITEMS**

- **MA-7000** Individual Prods (set of 2)
- **MA-7EC** 4/0 Eitherend Connector
- **MA-7EL** 4/0 Eitherend/Lug Adapter
- **MA-7001** Dual Horizontal Prod Assy (adjustable tips)
- **MA-7003** Braided Contact Clamp (3 inch Grip)
- **MA-7ST** Replacement Prod Tips (aluminum or copper)