

# PARKER



## DA-1500 PORTABLE MAGNETIC INSPECTION UNIT

The Parker Research DA-1500 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

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## SPECIFICATIONS

Length	21 <sup>3</sup> / <sub>8</sub> " (54.3 cm)
Width	9 <sup>3</sup> / <sub>8</sub> " (23.8 cm)
Height	9 <sup>9</sup> / <sub>16</sub> " (24.3 cm)
Maximum Output* Current	1500 amps, AC or HWDC
Line Voltage Single Phase	230 VAC, 50/60 Hz; 460 VAC, 50/60 Hz
Line current	45 amps @ 230 VAC; 23 amps @ 460 VAC
Maximum Duty Cycle	2 minutes ON 2 minutes OFF
Unit Weight	100 lbs. (45.4 kg)

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

## DA-1500 PORTABLE MAGNETIC INSPECTION UNIT

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#### ACCESSORY ITEMS

TR-700BR	CABLE EXTENSION BKT
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)

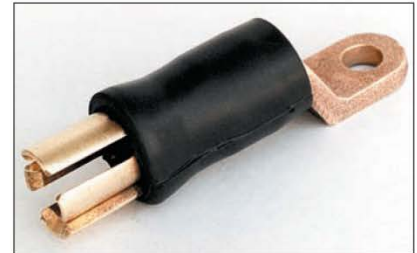
## ACCESSORY ITEMS



**MA-7000**  
Individual Prods  
(set of 2)



**MA-7RC**  
Remote Switch Assembly  
(20')



**MA-7EL**  
4/0 Eitherend/Lug Adapter



**MA-7EC**  
4/0 Eitherend Connector



**MA-7001**  
Dual Horizontal Prod Assy  
(adjustable tips)



**MA-7003**  
Braided Contact Clamp  
(3 inch Grip)



**MA-7ST**  
Replacement Prod Tips  
(aluminum or copper)