

## **DA-1550 High Amp Portable Magnetic Inspection Unit**



**MODEL DA-1500  
1500 AMP OUTPUT  
Operates from either 230 VAC or  
460 VAC (must be specified)**

The Parker Research **DA-1500 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.

## DA-750 High Amp Portable Magnetic Inspection Unit



**MODEL DA-750**  
**750 AMP OUTPUT**  
**Operates from either 115 VAC**  
**or 230 VAC (must be specified)**

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.

### DA-750 and DA-1500 High Amp Portable Magnetic Inspection Units

#### *SPECIFICATIONS*

	<a href="#">Model DA-750</a>	<a href="#">Model DA-1500</a>
Length	17 1/2" (44.5 cm)	21 5/32 " (54.9 cm)
Width	9 1/16" (23 cm)	9 11/32" (23.7 cm)
Height	7 13/16" (19.8 cm)	9 17/32" (24.2 cm)
Maximum output Current ratings based on the use of two 15-foot lengths of 4/0 cable	750 amps, AC or HWDC	1500 amps, AC or HWDC
Line Voltage single phase	115 VAC, 50/60 Hz; 230 VAC, 50/60 Hz	230 VAC, 50/60 Hz; 460 VAC, 50/60 Hz
Line current	26 amps @ 115 VAC; 13 amps @ 230 VAC	45 amps @ 230 VAC; 23 amps @ 460 VAC
Maximum duty cycle	2 minutes ON 2 minutes OFF	2 minutes ON 2 minutes OFF
Unit weight	35 lbs. (15.9 kg)	93 lbs. (42.2 kg)



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



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



**MA-7002**  
Dual In-Line Prod  
Assembly  
(adjustable tips)



**MA-7004**  
Braided Contact  
Clamp



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



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

Other Accessories not pictured: **MA-7ST** Replacement Prod Tip, **MC-1540** 15' 4/0 Cable Set(w/lug eitherend), **MC-1541** 15' 4/0 Cable Set (w/eitherend), **MA-7RC** Remote Switch Assembly (20 ft.)

