



TEST SYSTEMS INTERNATIONAL, INC.

27963 CABOT ROAD, LAGUNA NIGUEL, CALIFORNIA 92677 U.S.A.

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MP-6000 MP-6200 DUAL OUTPUT



FEATURES:

1. Pulse or normal mode operation.
2. Automatic Demag cycle.
3. All electronic control.
4. Recessed Panel meter and controls.
5. Forced air cooling.
6. Heavy duty parts and chassis.
7. Powder coat gloss finish.
8. No cable change for AC to DC output.
9. Easy line voltage conversion.
10. Remote control.
11. AC and DC meter calibration adjustments.
12. International line voltage operation available.
13. Extra Large DPM Display 0.8" (20.3mm).
14. Multiple Output Versions.
15. NEMA 4 and CSA4 Rated Sealed Controls.
16. MIL-M-6867 Type Steel Cabinet.
17. Full Remote Current Control Option



* Output - AC and DC Avg. AMPS					
Cable Length	20' 6m	50' 15m	100' 30m	150' 45m	200' 60m
MP-6000	6000	4400	3000	2000	1200
MP-6200					

Duty Cycle at maximum output

Normal mode = 20 seconds ON - 1 Minute OFF

Pulse mode = 1 hour ON - 10 minutes OFF- Continuous below 3000 Amps

NOTE:

Operation over 3000 Amps output. We recommend Copper Lugs in place of Either End Connectors and Twin 4/0 Cables be used to reduce overheating.

Size H.xW.xD. = 36x40x31 inches (92x102x79cm)

Model	Type Output	Weight	Line Input 50/60Hz 1 Phase			
			Lbs.	Kg	VAC	MAX AMPS
MP-6000	AC/HWDC	780	354	480	230	80
MP-6200		820	372			

Full remote Current Control, MAG, DEMAG and AMP ADJ with 33 ft. (10m) cable.



PORTAMAG

MAGNETIC PARTICLE INSPECTION INSTRUMENTS

The Super Pulse Series

The Portamag series are specialized instruments for generating intense magnetizing and demagnetizing current fields for the Magnetic Particle inspection method of flaw detection in ferrous metal.

Super Pulse models provide the option of operating in the normal or our new line pulse modulated mode which have the following advantages over normal operation;

1. Provides full effective magnetizing AND demagnetizing output current fields that exceed MIL and Industrial performance requirements.
2. Provides very active movement of wet or dry particles for enhanced flaw definition, especially when using coil method, which adds a physical vibration into the part.
3. Reduces average input line power by 70%. Reducing energy costs and heat buildup.
4. Output current may be left ON over an hour. Pulse mode is set for instruments duty cycle.
5. Super Pulse Only "S" Models provide rated output current levels into extended output cable lengths.

General Features Include:

1. Pulse or normal mode operation.
2. Automatic Demag cycle.
3. All electronic control.
4. Recessed Panel meter and controls.
5. Forced air cooling.
6. Either End output cable connectors.
7. Non-Mar chassis runners.
8. Heavy duty parts and chassis.
9. Powder coat gloss finish.
- 10.No cable change for AC to DC output.
- 11.Easy line voltage conversion on all except MP-900 models.
- 12.Remote control.
- 13.AC and DC meter calibration adjustments.
- 14.International line voltage operation available.
- 15.Digital Meter standard. Analog Meter optional.
- 16.Patents Pending on Pulse Mode.

Required Accessories

1. 4/0 out cables with Either End connectors.
2. Remote control cable assembly.
3. Input line power cable plug.