



## PJ High Frequency Surge Testers "MOST" MODELS

Bench & Portable

*Surge, Hi-Pot & 3 Phase Testing all in one*

MODEL NUMBER	APPROX. WEIGHT	DIMENSIONS L" x W" x H"	POWER INPUT	PEAK SURGE & HI-POT VOLTAGE	PEAK CURRENT OUTPUT
<b>M6</b>	66 lbs	18.5"x19"x10.7"	360 VA	6,000 V	150 amps
<b>M10</b>	67 lbs	18.5"x19"x10.7"	720 VA	10,000 V	300 amps
<b>M12</b>	68 lbs	18.5"x19"x10.7"	840 VA	12,000 V	375 amps
<b>M15</b>	69 lbs	18.5"x19"x10.7"	1080 VA	15,000 V	500 amps
<b>MB6</b>	67 lbs	18.5"x19"x14"	360 VA	6,000 V	150 amps
<b>MB10</b>	69 lbs	18.5"x19"x14"	720 VA	10,000 V	300 amps
<b>MB12</b>	71 lbs	18.5"x19"x14"	840 VA	12,000 V	375 amps
<b>MB15</b>	73 lbs	18.5"x19"x14"	1080 VA	15,000 V	500 amps

### DC HI-POT SPECIFICATIONS

MODEL NUMBER	MAXIMUM OUTPUT VOLTAGE	MAXIMUM OUTPUT CURRENT	HI-POT OVERCURRENT TRIP	CURRENT RESOLUTION
<b>M6, MB6</b>	6 KV	2000 $\mu$ amps	2000 $\mu$ amps	0.1 / 1 micro amps
<b>M10, MB10</b>	10 KV	2000 $\mu$ amps	2000 $\mu$ amps	0.1 / 1 micro amps
<b>M12, MB12</b>	12 KV	2000 $\mu$ amps	2000 $\mu$ amps	0.1 / 1 micro amps
<b>M15, MB15</b>	15 KV	2000 $\mu$ amps	2000 $\mu$ amps	0.1 / 1 micro amps

## Multi-Operational Surge Tester (MOST)

We paid close attention to you, the customer, and enhanced our one of a kind tester to give you the **MOST**.

***The "MOST" is a High Frequency Surge Tester that has all of these features:***

- Digital storage, programmable color oscilloscope with USB Interface Ports, USB Flash Drive for unlimited storage capabilities, PC Communications Software plus multi-language user interface
- **3 Phase Test Selector Switch** for 3 Phase Motors with or without Rotors
- Capable of Testing Fully Assembled Motors without rotating the Rotor... a unique feature that only PJ offers
- **Surge Testing** - Direct Voltage Read Out on LED Meter
- **DC Hi-Pot** Testing with dual LED Panel Meters that display direct read out of Current & Voltage, with overcurrent safety trip
- Ascertain Polarization Index (PI) test results
- Multi position carrying / tilt handle (**M** Model)
- Rear plastic snap-on cover for cable storage & transportation (**M** Model)
- Models **M** and **MB**: 6, 10, 12, 15 KV Surge/ DC Hi-Pot output

**P J Electronics wants you to get the **MOST** for your testing needs**

*for several \$1,000 dollars less than impulse testers with less features!*

These Multi-Operational Surge Tester Models test up to 15 KV...perfect for your predictive maintenance program and for testing in the shop or in the field.

Only P J Electronics offers the most versatile High Frequency Surge Tester manufactured to date. Not only do we accurately generate voltage to any type of load and can provide verification of our voltage, but we also maintain the Quality, Performance and Rise Time that you have come to expect from all PJ Surge Testers.

Visit Accessories section on Price List page to see how you can further enhance your PJ Tester.

⚡ PJ Electronics also offers a "**MOST**" Console Tester! ⚡

Choose from 10KV to 30KV output range. Read about the "**MOST**" consoles on our website on the Models Available page under Consoles, click on the "More Info..." link.

All **Multi-Operational Surge Testers (MOST)** have the following DC Hi-Pot Specs: a maximum output current of 2,000 micro amps, a Hi-pot overcurrent trip of 2,000 micro amps and a current resolution of 0.1 / 1 micro amps.

The "**MOST**" is available in a Console model (see Console detail Page) a Bench & Portable Model .

The **Bench (MB Model)** is the all-in-one versatile tester that you need for all of your electrical insulation testing. The Hi-Pot tester has separate L.E.D. panel meters for direct readout (voltage and leakage current) so that no interpolation on the scope's display is ever needed. This MOST can surge test extremely low inductance windings, DC armatures, etc. The built-in 3 phase test selector switch allows you to surge test all types of multi-phase motors and gives you the confidence that each phase was effectively stressed with PJ's exclusive High Frequency Technology. Print out your waveform results within seconds\* or download data to your PC / laptop utilizing the USB device port or store it directly on the USB Flash drive. Note: This Bench "MB" model is now manufactured with a high voltage rotary switch to permit the tester to operate as either a low inductance Armature Tester or a standard Surge Tester. \*optional printer needed. (MB Model is shown on right).



The **Portable (M Model)** is the ultimate "**MOST**". It is built in a compact cabinet that contains a multi-position carrying/tilt handle and a rear plastic snap-on cover for cable storage and transportation in the shop or field. The "M" is the perfect choice for your complete preventive/predictive maintenance testing - DC Hi-Pot testing, handheld resistance meter\* testing and the capability of testing fully assembled grounded motors without rotating the rotor position. With PJ's High Frequency Technology, the *entire windings of each phase* can be surge tested to detect weak and damaged insulation, all with the convenience of a 3 Phase Transfer Switch. View your results on the digital storage oscilloscope and then print out your waveforms within seconds\*\* or download data to your PC / laptop utilizing the USB device port or store it directly on the USB Flash drive. (\*\*optional printer needed)

Note: Some pictures may not show updated oscilloscopes.

This Multi-Operational Surge Tester "**MOST**" has no competition, when it comes to versatility, performance and price!

For the complete list of standard features on all Models, please visit our Price List page.