



Quality Surge Testers - Worldwide

PJ High Frequency Surge Testers 2 PIECE PORTABLES

MODEL NUMBER*	APPROX. WEIGHT	DIMENSIONS L" x W" x H"	POWER INPUT (Volt Amps)	PEAK VOLTAGE OUTPUT	PEAK CURRENT OUTPUT
	42 lbs	22" x 19" x 5.5"	360 VA	6,000 V	150 amps
H10	44 lbs	22" x 19" x 5.5"	720 VA	10,000 V	300 amps
H12	46 lbs	22" x 19" x 5.5"	840 VA	12,000 V	375 amps
H15	48 lbs	22" x 19" x 5.5"	1080 VA	15,000 V	500 amps

*Please add the following designation, "-2M", after the model number for PJ Surge Testers designed to operate from 220-240 operating line voltage. For example, the Model H12 would be identified as Model H12-2M.

"H" Model: The H models are "2 piece" versions of the *Signature ("S") Models* with PJ's exclusive/unique High Frequency Technology capable of testing the integrity of any turn to turn insulation, including low inductance



windings. These compact two piece portable digital surge testers come complete with a Rigol DSE series, fully digital storage color oscilloscope, 10' long test cables and a soft carrying case with a shoulder strap. The carrying case is used to store the oscilloscope, manuals, printer and accessories when testing in the field.



NOTE: ALL PORTABLE, BENCH and CONSOLE Models:

- supplied with complete set of Instruction / Service manuals.
- come with a Certificate of Calibration traceable to NIST.
- meet IEEE's Standard 522-1992/2004 voltage rise time specification of 0.1μ sec.
- supplied with a Rigol color Digital storage, programmable Oscilloscope with Software and a bonus USB Flash Drive. A color scope will show different colors of waveforms for the different channels on the oscilloscope.
- have a pulse rate of 50/60 pulses per second (pulse rate predicated on the line frequency).
- have a ground detector indicator to assure operator safety (**120 Volt only**).
- include a foot switch safety interlock.
- equipped to operate at 120VAC, 50/60Hz., single phase (except for 50KV & 60KV models).
- capable of testing extremely low inductances (armatures, 2-3 turn form coils, etc.) - with use of a calibrated high voltage probe.
- capable of testing Fully Assembled Motors without rotating the Rotor.
- have dual waveform presentation: resonant current waveforms for low impedance windings & resonant voltage waveforms for high impedance windings.
- equipped with a digital voltage output panel meter.
- **warranted against defective materials and workmanship* for one year, with lifetime technical support!** *at our factory

OPERATOR SAFETY FEATURES

P J SURGE TESTERS are designed with the safety of the operator in mind. The special features listed below are standard on all models:

- Grounded Three Prong AC line cord
- Power Receptacle to accommodate warning lights
- Double Pole "ON-OFF" Switch
- Tester Ground Safety Indicator (For 120 VAC operation only)
- Foot Switch
- Safety Light Interlocks
- Bleeder Resistors