



LP-SPT™

- Measures the voltage protection level of the lightning protection device
- Field portable, lightweight design - weighs only 16 ounces
- Inherently safe circuitry protects personnel
- Can also be used to test MOV's, diodes and gas tubes



ISO 9001 Certified

The innovative LP-SPT™ RF surge protection tester can test any lightning protection device or component to ensure its proper functioning and capability to protect critical and expensive RF equipment. Weighing only 16 ounces and powered by two 9 volt batteries, the ruggedized hand-held unit is completely portable making it ideal for field use. The LP-SPT™ unit has two terminals, N male and N female, to support testing of the most popular in line RF surge protection devices and can easily test surge protectors with any other interfaces by using commonly available RF adaptors. The slim LP-SPT™ unit comes complete with a heavy duty nylon carrying case, batteries, easy-to-follow instructions and a set of alligator clips to allow testing of other surge protection components such as MOV's, diodes and gas tubes.

- Size: 9.0" x 4.0" x 1.5"
- Weight: 16 ounces
- Power: Two 9V batteries
- Display: 3.5" LCD, 2kV max scale
- Test Output: 1kV min, 1mA min, 1.5mA max.
- Terminal: N Female & N Male
- Includes:
 - Alligator clip adaptor (LP-NF-AC)
 - Rugged black nylon carrying case
 - Batteries
 - Operating Instructions

Special Features:

- Auto shut-off after 10 minutes of non-use
- Auto disable of HV output if the test button is depressed more than 10 seconds (must press again to reactivate)
- ON/OFF and TEST switches resist unintentional activation
- Fast discharge time between test measurements
- Battery management prevents excessive battery drain

LP-SPT™

Test Reference Guide Acceptable Voltage Limits

	<u>Protector Test Side</u>	<u>Device Type</u>	<u>Minimum</u>	<u>Maximum</u>	
P-BTR-NFF	Surge side	DC Blocked	480	720	
P-BTR-NMP	Surge side	DC Blocked	480	720	
P-BTR-NMS	Surge side	DC Blocked	480	720	
P-BTRW-NFF	Surge side	DC Blocked	480	720	
P-BTRW-NMP	Surge side	DC Blocked	480	720	
P-BTRW-NMS	Surge side	DC Blocked	480	720	
P-HBX-NFF	Surge side	DC Blocked	0	2	
P-HBX-NMP	Surge side	DC Blocked	0	2	
P-HBX-NMS	Surge side	DC Blocked	0	2	
P-GTR-NFF/NFM	Either side	DC Pass	72	108	
P-GTR-NFF/NFM-23	Either side	DC Pass	184	276	
P-GTR-NFF/NFM-35	Either side	DC Pass	280	420	
P-GTR-DFF/DFM	Either side	DC Pass	72	108	
P-GTR-DFF/DFM-23	Either side	DC Pass	184	276	
P-GTR-DFF/DFM-35	Either side	DC Pass	280	420	
P-GTV-NFF	Either side	DC Pass	144	216	
P-GTV-NFM	Either side	DC Pass	144	216	
P-STRL-DFF	Surge side	DC Blocked	0	2.0	
P-STRL-DMP	Surge side	DC Blocked	0	2.0	
P-STRL-DMS	Surge side	DC Blocked	0	2.0	
P-STRL-NFF	Surge side	DC Blocked	0	2.0	
P-STRL-NMP	Surge side	DC Blocked	0	2.0	
P-STRL-NMS	Surge side	DC Blocked	0	2.0	
P-WBX-NFF	Surge side	DC Blocked	0	2.0	
P-WBX-NMP	Surge side	DC Blocked	0	2.0	
P-WBX-NMS	Surge side	DC Blocked	0	2.0	
P-GPX-05-NFF	Either side	DC Pass	5.0	7.0	
P-GPX-05-NFM	Either side	DC Pass	5.0	7.0	
P-GPX-05-SFF	Either side	DC Pass	5.0	7.0	
P-GPX-05-SFM	Either side	DC Pass	5.0	7.0	
P-GPX-05-TFF	Either side	DC Pass	5.0	7.0	
P-GPX-05-TFM	Either side	DC Pass	5.0	7.0	
P-18-195-NMH-X	Connector	DC Pass	144	216	
P-18-195-NF-X	Connector	DC Pass	144	216	
P-18-400-NMH-X	Connector	DC Pass	144	216	
P-18-400-NF-X	Connector	DC Pass	144	216	