



PTS Series - DC High Voltage Test Set

0 - 600 kV DC hipot

The **PTS-600BT** and **PTS-600BTF** are High Voltage DC proof testers designed for field, shop, or factory use. Equipped with a guard circuit and a 5-range current meter scaled 0-1DC microamps for accurate current measurements down to 10 nanoamp resolution in the X1 range. An accurate 2 range voltmeter rounds out the standard instrumentation. Additional features include ruggedized anti-static and transit protected meters, rugged two-piece design, full wave bridge rectifier, internal bleeder resistors, external current limiting resistors and is CE marked. For other voltage options, please see our **PTS Series** which range from 15-600kV DC. See our **DBT Series** for bench-top options.

- 5 range current meter for accurate leakage current
- Full-wave bridge rectifier
- Internal bleeder resistors
- Automatic transit protected meters with Anti-static glass face
- X2 external 20kohm current limiting resistors
- External safety and zero start interlocks

Model	PTS-600BT
Input	PTS-600BT - 120Vac, 60Hz, 30A PTS-600BTF - 230Vac, 50/60Hz, 15A
Output	0 – 600 kV DC @ 5 mA with benchtop controller
Duty	Continuous at 3mA , 5 minutes at 5mA
Voltmeter	3.5", scaled 0 – 0-300/600kV DC, ±2% F.S.
Current Meter	3.5", scaled 0 – 1.0 µAdc, ±2% F.S. with multipliers of x 1, x 10, x 100, x 1 k, x 10 k. Guard/ground load return
Size & Weight (W x D x H)	Control Case: 21 x 15.5 x 15 in., 70 lb. 535 x 395 x 382 mm, 32 kg HV Tank: 36 x 36 x 89 in., 580 lbs. 914 x 914 x 1105 mm, 263 kg
Output Termination	Top toroid
Scope of Supply	20ft red test lead, x2 20ft black test leads, x2 20kohm external limit resistors, 14in safety ground stick, external interlock plug, operations manual, calibration certificate

Optional Accessories

Hand & Foot Safety Switches



PN 90-410



PN 90-405

Safety Ground Sticks



PN 88-150



PN 88-113 * included

Optional Upgrades

3.5 Digit Digital Meters
- Add Suffix "D"

PTS-600BT PTS-600BTF

0 - 600 kV DC, 5 mA

