



# DC Hipot Megohmmeter Combination Units

*Two HV Portable DC Test Sets for the Price of One!*



**PTS-75 Model**  
(0-75 kVdc, 10mA)



**PTS-130 Model**  
(0-130 kVdc, 10mA)



**PTS-200 Model**  
(0-200 kVdc, 5mA)

## Description

The **PTS Portable DC Test Set Series** of CE marked products are combination high voltage DC proof testers and HV Megohmmeters. Testing for dielectric strength and insulation resistance is now served with one instrument, saving money, size and weight. The PTS series is designed and constructed with field use in mind. It is rugged, reliable and contains all of the features needed for electrical maintenance testing of new or installed electrical apparatus.

Three one piece construction models are available: 37.5 kV, 75 kV and 80kV rated up to 10 mA. Our 100 kV, 130 kV and 200 kV models are designed with separate controls and HV tank. They are fully adjustable and may be used to their full rating for either Hipot or Megohmmeter applications. The PTS series contains numerous features that make it the best Hipot/ Megohmmeter available.

## Advantages

Like all High Voltage, Inc. equipment, the PTS series is newly designed, incorporating the latest advances in high voltage technology. No other instrument offers the features, quality and reliability offered here. Several of the many unique advantages include:

- Five range current meter with a 0-1.0  $\mu$ A low range for Leakage Current measurements with resolution to 10 nanoamperes
- Megohm readings at any output voltage
- Regulated input for accurate, reliable results. Ideal for field generator use.  $\pm$  1% stability with  $\pm$  10% line change (PTS-37.5 & PTS-75 models)
- Internal HV shorting solenoid with discharge resistor
- Continuous Duty Cycle
- Automatic transit protected meters
- Rugged case with cushion grip handles
- Glass front meters eliminate static buildup

## Applications

The **PTS Series** can be used as a high voltage DC Proof/Hipot tester or as a high voltage Megohmmeter. It is used to proof test or megohm cable insulation, switchgear, motors, transformers, insulators, generators and other electrical apparatus. Its combination Hipot/HV Megohmmeter capability makes it extremely versatile, especially for field testing applications.



ISO 9001 : 2008

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High Voltage, Inc. designs and manufactures high voltage test equipment for utility and industrial applications. Also available are Very Low Frequency (VLF) high voltage AC test sets, oil dielectric test sets, AC and DC instrumented test sets, cable fault locators and other products.

