



# PORTABLE DC HIPOT Model 440-20

## Description

PHENIX Technologies introduces our New Model 440-20 DC Dielectric Test Set. This new model has significantly more output power and advanced features.

The DC Hipots offered by PHENIX Technologies are suitable for lab or field use. Establishing a consistent maintenance testing program reduces failures and extends equipment life.



## Design & Safety Features

- Output voltage continuously adjustable to 40 kVDC
- "Zero Start" Interlock
- Adjustable overcurrent trip point from 10%-110% of each current range
- Large, easy to read, high accuracy digital meters
- Analog 0-100% of range current meter for visual charge indication
- Input Circuit Breaker/Power Switch
- Thermal resettable overload
- Built in discharge circuit rated at 3 kilojoules
- Integrated cable storage bin in lid
- Removable line cord
- Light weight, portable and enclosed in rugged, high density polyethylene carrying case

## Options

- Custom output lead lengths
- Safety Foot Switch
- Ground Stick
- Discharge Stick

## Technical Specifications

INPUT: 120 VAC, 10A or 220 VAC, 5A,  
50/60 Hz

OUTPUT: 0-40 kVDC, up to 20 mA

DUTY CYCLE: Continuous @ 10 mA, capacitive load,  
10 mA 1 hour ON/1 hour OFF.

RIPPLE: <2% at full voltage

METERING: 3 1/2 digit LCD  
Voltage: Two range, 0-19.99 kV, 0-40.0 kV  
Current: Four range, 0-19.99  $\mu$ A, 0-199.9  $\mu$ A,  
0-1.999 mA, 19.99 mA  
Analog % Current: 0-100% of range

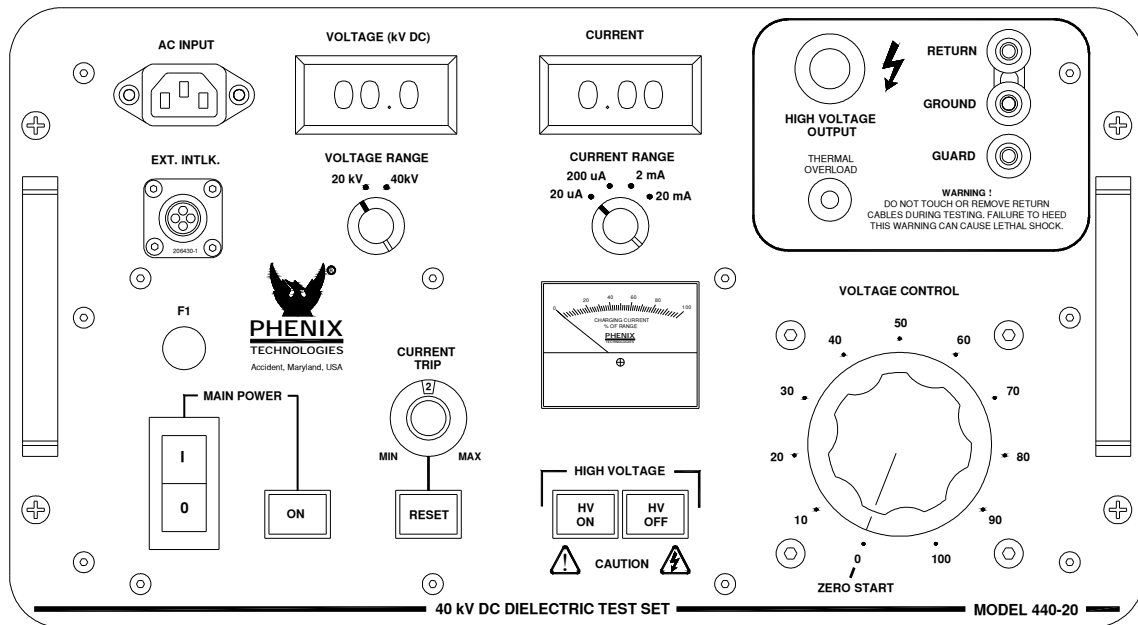
ACCURACY: +/-0.5% FS, digital meters

INPUT CABLE: 7' (2.3M), 3 wire, removable

TEST CABLES: 3 cables, each 20' (6M) long for voltage,  
return and ground.

DIMENSIONS: 19"(483mm)W x 10.5"(266mm)D x  
20.5"(520mm)H

WEIGHT: 48 lbs.(22kgs.)



**Front Panel Layout**

## COMPANY PROFILE

PHENIX TECHNOLOGIES is a leading manufacturer of high voltage, high current, and high power test systems and components. Our AC and DC test systems are in operation around the world satisfying the testing requirements of our customers.

Our 33,000 square foot headquarters is a modern manufacturing facility where all the major components of our systems are produced. All of our equipment is designed to satisfy the testing requirements of our customers. Our engineering resources, manufacturing capability and commitment to flexibility has earned us the reputation as the supplier of choice. From portable test equipment to large, cutting edge automated and computerized test systems, Phenix provides solutions for your testing needs.

Our engineers offer a unique blend of theoretical knowledge and practical experience. You owe it to yourself to discuss your testing requirements with Phenix Technologies today.

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