

BLANKET TEST SYSTEM

Application

Phenix Technologies Blanket Test Equipment is designed for testing class 0-4 rubber and EPDM blankets.

The test sets can test solid and split type blankets. The units can test blankets in all sizes up to 46 inches square. Our unique electrode design features are quenching which provides a quiet arc-free test. Each test unit comes with a set of electrodes with others available to accommodate different size and classes of blankets. The test units can be equipped with AC, DC or AC and DC voltage supplies of 50k VAC or 100k VDC. The power supplies are controlled with a Programmable Logic Controller (PLC) which interfaces with an Operator Interface Display (OID). The PLC is programmed to readjust the metering for each type of blanket and rubber class. This is done instantly by pressing a button on the OID. This eliminates the need for manual readjusting of separate current meters for each test station, saving time and reducing the chance for human error.

The OID simplifies the testing process: all test results are displayed on the OID's LCD screen for easy recording.

The Blanket Testers can be built with one to eight testing positions.

Listed below are some of the other standard features that make Phenix Test Systems second to none.



*Four Position Blanket Tester
with Standard Control Panel*

Features

- Skid mounted cabinets are constructed with 14 gauge cold-rolled steel, primed and coated with two urethane topcoats for rust prevention.
- Ozone removal via an 1100 CFM exhaust fan which draws fresh air through the drawer front directly over the blanket in test.
- Drawers open to 31" and are mounted on 250lb rated ball bearing slides for durability.
- Toggle latches for easy electrode interchange.
- Safety interlocks on all the drawers and access door to shut down the test set if entry is attempted.
- All interior materials (except drawer slides) are made of insulating materials eliminating any problem with flashovers in the testing chamber.
- Twin rod pneumatic cylinders raise and lower upper electrodes. The twin rod feature assures no rotary movement of the upper electrodes, critical for proper alignment with bottom electrodes indexed in the bottom drawer.
- High Voltage and ground return circuits for each drawer are controlled through individual pneumatically operated high voltage transfer switches. This feature eliminates the possible shut down of the entire blanket tester in the event of a high voltage switch or cable failure.
- Drawers are mechanically held shut and locked in place with a flush mount latch to ensure drawers remain closed while the unit is under test.
- Direct free air intake across each blanket drawer through metal drawer fronts eliminates tracking or flashovers.

Control Panel



Technologically advanced but simple to operate, the Phenix control panel makes fast, accurate and safe testing possible. The control panel gives you programming possibilities for interfacing with the PLC to customize your test set for your testing requirements

Specifications

Input Requirements:

220V, 50/60 Hz, standard units 35-70 Amps (current dependant on final configuration)

Air Supply Requirements:

3 CFM @ 90 PSI

PHENIX Technologies Protective Rubber Goods Line

- Glove/Sleeve Testers
- Rubber Goods Washer
- Bucket Liner Testers
- Sleeve Inflator
- Line Jumper Testers
- Sleeve Testers (Dry Method)
- Glove Inflator
- Switch Stick Tester
- Blanket Testers
- Static Dryer
- Hose & Hood Tester
- Combination Units

The PHENIX Technologies Product Line

- AC Dielectric Test Sets
- Resonant Test Sets
- DC Hipots and Insulation Test Sets
- Automatic Insulating Material Testers (D149)
- Liquid Dielectric Test Sets
- Megohmmeters
- Vacuum/Oil Interrupter Testers
- Bucket Truck Testers
- High-Frequency Cable Aging Test Sets
- Heat Cycling Test Sets
- Rubber Goods—Protective Equipment Testers
- Core Loss Testers
- AC, DC and AC/DC Motor Test Sets
- Transformer Test Systems
- Computerized Circuit Breaker Test Sets
- Computerized Recloser Test Sets
- DC Power Supplies
- High Voltage DC Cable Thumpers
- High Voltage Terminations
- High Power Column-Type Variable Transformers
- High Power Thoma-Type Variable Transformers
- Voltage and Current Stabilizers

Your local representative is



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