

PULSE WIDTH MODULATION (PWM) TECHNOLOGY

Featuring the latest in pulse width modulation technology, the Model 4120A employs a high frequency power source and voltage/current feedback circuits to produce a stable, high voltage output with low ripple. A front panel feature, unique to the Model 4120A allows the operator to test Metal Oxide Arresters quickly and accurately. Another feature that is as unique as it is useful is a high-voltage dc microammeter used to test leakage currents on the high-voltage side of the insulation testing circuit.

FEATURES

- Pulse width Modulation (PWM) technology
- Stable, high-precision voltage adjustment
- Comprehensive nanosecond threshold protection
- Unique Metal oxide test function
- Adjustable overvoltage protection feature
- Current limiting resistor for capacitive load testing
- Shielded HV microammeter accessory
- Shorting rod for grounding output after testing

SPECIFICATIONS

Output Voltage: 0 to 120kVDC

Rated Output Current: 0-5mA DC

Power: 360 watts

Output Voltage Accuracy: $\pm 1\%$ of reading +2 digits

Output Current Accuracy: $\pm 1\%$ of reading +2 digits

Ripple Factor: $\leq 0.5\%$

Working Mode: Intermittent use,
30 minutes under fully rated load

Over Voltage: No-load voltage can exceed
rated output by 10% for 10 minutes

Over Current: Maximum charge current
is 1.25 times the rated output

Operating environment: 14°F to 104°F,
 $\leq 85\%$ RH under 77°F non-condensing

Dimensions: 14.5" x 22.75" x 8.5"

Weight: 43lbs

Model 4120A

120KVDC DIELECTRIC STRENGTH TESTER



Amblyonix Model 4120A Dielectric Strength Tester

ORDERING INFORMATION

Amblyonix Model 4120A Dielectric Strength Tester, supplied with Control Cabinet, High Voltage Cylinder, Interconnecting Cable, High Voltage Cable, HV Microammeter, Current Limiting Resistor, Ground Cable, Discharge Rod, Power Cord, Spare Fuse, Line Cord, and Manual.



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