

PULSE WIDTH MODULATION (PWM) TECHNOLOGY

The Model 4120A employs the latest in PWM technology 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. Includes a dc microammeter to test leakage currents on the high-voltage side of the insulation testing circuit. This unit is very well suited for bucket truck (Vehicle-Mounted Aerial Device) testing or for performing commissioning tests.

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:** 0-5mADC
- 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.



Amblyonix
Industrial Instrument Company

20 Republic Road, North Billerica, MA 01862
800-447-4020 WWW.AMBLYONIX.COM