

## PULSE WIDTH MODULATION (PWM) TECHNOLOGY

Featuring the latest in pulse width modulation technology, the Model 4120 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 4120 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 use 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
- Weight:** Control Cabinet 14.25lbs, Output cylinder 20lbs

# Model 4120 120KVDC DIELECTRIC STRENGTH TESTER



## Amblyonix Model 4120 Dielectric Strength Tester

### ORDERING INFORMATION

Amblyonix Model 4120 Dielectric Strength Tester, supplied with Control Cabinet, High Voltage Cylinder in a rugged roll-around carrying case, Interconnecting Cable, High Voltage Cable, HV Microammeter, Current Limiting Resistor, Ground Cable, Discharge Rod, Power Cord, Spare Fuse, Line Cord and Manual.