

# GiCilyzer™ 4000R



**Announcing a high voltage test device for use in calibrating extra high voltage X-ray equipment, such as bomb scanners.**

**This unit can measure to 190 kVp and 1 to 6 mA. Other configurations are available; for example the next generation scanner will utilize a single ended (anode ground) X-ray tube. We can provide customized measurement equipment for this application. Please contact us with your specifications.**

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## Specifications:

Maximum applied voltage peak or DC +/- 100 KV per section

Maximum rated current 12 mA. Operating range 1 to 6 milliamperes/

HV Connector: R-24

Power: 120 VAC 60 Hz, 1/2 amp

Output ratio: Anode and Cathode ratio 10,000:1

Divider impedance: 120 meg ohms per side to ground

Equivalent capacitance to ground: 83 pf

Frequency Response: DC to > 100 kHz

Milliamp sensor:

Optical fiber optic sensor. Insertion resistance between anode terminals: Will show 1.6 volts diode drop with DVM in diode mode.

Protective circuit will non-linearly protect current sensing LED.

Ratio 1 mA input = 1 volt output, over linear range of 1 to 6 mA

Output with 0 mA is approx 0.42 volts

Ma frequency response: flat DC to 500 Hz, -3db at 3 KHz (sine).