

# GiCi-PMI Model H1049

## High Voltage Divider

### Monopole divider to 150 KV single ended



The Monopole divider is a joint project of Parker Medical and Greenwich Instrument. GiCi provided the electrical design, and provides all calibration service needed for this device. The divider is rated to 150 KV continuous, 190 KVDC, short term. It is supplied with either R24 conical connectors or with extended federal standard connectors, A Parker Medical design. We can provide a variety of high voltage cables to meet your needs.

It may be used in pairs for bi-polar applications. Most units are calibrated to 100 KV DC. Extended range calibration to 150 KVP is available.

The divider provides two ranges that allow it to be used with a variety of readout devices. One range of the divider is 10,000:1, when operated into a 1 meg ohm load, such as the direct input of an oscilloscope. It may also be connected to a 10 meg ohm input impedance DC digital volt meters or 10 meg 10 X scope probes.

#### Specifications:

**DC accuracy, when operated into rated load impedance 1% or better.**

**Divider ratio, switch select able 10,000:1 or 1,000:1**

**Divider resistance: 200 meg ohm.**

**Load impedance 1 megohm @10,000:1 or 10 megohm @1,000:1**

**Voltage range 0 to 150 kVp Dc, 165 KV pulse, 190 KVDC short term.**

**DC Accuracy 1% or better 5 to 150 kV per . Data taken 10 to 100 kV.**

**Optional calibration to 150 KV DC.**

**Frequency Response DC to 1 kHz +/- 2%, to 100 kHz +/- 10%**

**Oil filled. May be operated Continuously.**

**Mechanical: 50 pounds, 12" diameter x 14" high, steel can.**

**HV terminals: R 24 conical or Extended Federal Standard**

**Output terminals: BNC. Oil tight selector switch.**

**Made in USA**

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