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07-469

Wave Precision High-Voltage Divider

Technical Data

Model 07-469 Wave Precision High-Voltage Divider provides two ranges that allows it to be used with a variety of readout devices. One range of Model 07-649 is 10,000:1, when operated into a 1 megohm load, such as the direct input of an oscilloscope. The other mode of operation provides the 1000:1 ratio into a 10 megohm load. In this mode, it may be used as a replacement for the GE divider, when connected in a similar manner. It may also be connected to 10 megohm input impedance DC digital voltmeters or 10 meg 10 X scope probes. The three anode connections are individually wired so that it may be used on the latest GE CT Scanners.

Model 07-469 has been designed with the same DC resistance values as the General Electric C1515A and 46-15496681. Those voltage dividers have a frequency response that is valid to 1000 Hz. Model 07-469 was designed as a frequency compensated replacement for those dividers, and is usable at high frequencies, as well as short exposures. With a well characterized rise time, Model 07-469 is suitable for use in radiographic, cine, pulsed, and mammographic applications.

Key features

- Replacement for GE divider
- Can be used with oscilloscopes or dc digital voltmeters
- Three individually wired anode connectors for use with the latest GE CT scanners

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Specifications

DC accuracy when operated into rated load impedance	1 %
Divider ratio	Switch selectable 10,000:1 or 1,000:1
Divider resistance	100 megohm
Load impedance	1 megohm @ 10,000:1 or 10 megohm @ 1,000:1
Voltage range	0 kVp to 150 kVp
DC accuracy	1 % or better, 10 kV to 75 kV per side
Frequency response	DC to 1 kHz ± 3 %, to 100 kHz ± 5 %
Insulation	Oil filled, may be operated continuously
HV terminals	Federal standard 3 pin, 4 pin optional for cathode
Output terminals	BNC. Oil tight selector switch
Dimensions (LxH)	25 cm x 30.5 cm (10 in x 12 in)
Weight	14.5 kg (32 lb)

Ordering information

Model

07-469 Wave Precision High-Voltage Divider, without cables

07-469-4780 The Wave Precision High-Voltage Divider, with two cables

Optional accessories

87-476 Carrying case

About Fluke Biomedical

Fluke Biomedical is the world's leading manufacturer of quality biomedical test and simulation products. In addition, Fluke Biomedical provides the latest medical imaging and oncology quality-assurance solutions for regulatory compliance. Highly credentialed and equipped with a NVLAP Lab Code 200566-6 accredited laboratory, Fluke Biomedical also offers the best in quality and customer service for all your equipment calibration needs.

Today, biomedical personnel must meet the increasing regulatory pressures, higher quality standards, and rapid technological growth, while performing their work faster and more efficiently than ever. Fluke Biomedical provides a diverse range of software and hardware tools to meet today's challenges.

Fluke Biomedical Regulatory Commitment

As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 and ISO 13485 medical device certified and our products are:

- CE Certified, where required
- NIST Traceable and Calibrated
- UL, CSA, ETL Certified, where required
- NRC Compliant, where required

Fluke Biomedical.
Better products. More choices. One company.

Fluke Biomedical
6045 Cochran Road
Cleveland, OH 44139-3303 U.S.A.

Fluke Biomedical Europe
Science Park Eindhoven 5110
5692EC Son, The Netherlands

For more information, contact us:
In the U.S.A. (800) 850-4608 or
Fax (440) 349-2307
In Europe/M-East/Africa +31 40 267 5435 or
Fax +31 40 267 5436
From other countries +1 (440) 248-9300 or
Fax +1 (440) 349-2307
Email: sales@flukebiomedical.com
Web access: www.flukebiomedical.com