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For more information:
Leah Friberg
Public Relations Manager
(425) 446-5905
leah.friberg@@fluke.com

Calibration Professionals find new flexibility with new Fluke 5522A Multi-Product Calibrator

Transportable device calibrates many types of electronic equipment

EVERETT, Wash. – Fluke Calibration, a global leader in calibration instrumentation and software, has introduced the 5522A Multi-Product Calibrator, designed to improve the capabilities of calibration laboratories industry wide. The 5522A is the next generation of Multi-Product Calibrators, based on the popular Fluke 5520A series calibrator—the most widely used Multi-Product Calibrator in the world. The new Fluke 5522A will provide daily service both inside and outside of the calibration lab. It is durable enough to be safely transported for on-site or mobile calibration of a wide variety of electronic test tools.

The Fluke 5522A is ideal for metrology engineers, technicians and lab managers who need to calibrate many different types of electronic equipment and require a transportable instrument that delivers a high return on investment in today's challenging economic environment.

With the Fluke 5522A, metrologists can do more with less by investing in a single calibrator that gives them the flexibility to calibrate a wide range of instruments. For greater productivity, the Fluke 5522A can be fully automated with MET/CAL® *Plus* Calibration Management Software.

Several reliability-enhancing features protect it against damage and make it easier to transport for on-site or mobile calibration. Internal circuits and fuses protect against damage caused by applying too much voltage or current. A unique carrying case makes transportation easy and safe; front and rear access doors help the user quickly put the unit to work at the job site without fully unpacking it.

(More)

The Fluke 5522A covers a wide variety of industrial electronic test tools, including:

- Handheld and bench meters (analog and digital) up to 6 ½ digits
- Current clamps and clamp meters
- Thermocouple and RTD thermometers
- Process calibrators
- Data loggers
- Strip and chart recorders
- Watt meters
- Power harmonics analyzers
- Panel meters
- Graphical multimeters
- Power quality analyzers (with option)
- Analog or digital oscilloscopes to 600 MHz or 1.1 GHz (with options)
- …and more, including pressure gauges and transducers and three-phase power meters

An innovative carrying case accessory features built-in handles and wheel, enabling the user to move the calibrator from place to place easily and safely. Front and rear access doors are removable, the 5522A can be used while its top, bottom and side panels remain protected—all without having to completely unpack and re-pack the calibrator. A redesigned front panel and carrying handles make it easy to transport the calibrator short distances within the lab.

Accidently applying too much voltage to a calibrator's input terminals can cause costly damage. The 5522A provides reverse power protection, immediate output disconnection, and/or fuse protection on the output terminals for all functions, making the unit virtually mistake proof.

The Fluke 5522A sources direct voltage and current, alternating voltage and current with multiple waveforms and harmonics, two simultaneous voltage outputs or voltage and current to simulate dc and ac power with phase control, resistance, capacitance, thermocouples and RTDs. It can also measure thermocouple temperature signals, and a wide range of pressures using any of 29 Fluke 700 Series pressure modules. Two options add the capability to calibrate oscilloscopes with bandwidths to either 600 MHz or 1.1 GHz. Another option enables the 5522A to calibrate power quality instrumentation to the standards of the IEC and other regulatory agencies.

Fluke Calibration

For more information on the 5522A Multi-Product Calibrator and other products from Fluke Calibration, visit the Fluke Calibration Solution Center or contact Fluke Corporation, P.O. Box 9090, Everett, WA USA 98206-9090, or call 1-877-355-3225.

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About Fluke Calibration

Fluke Calibration is a leader in precision calibration instrumentation and software for electrical, temperature, pressure, flow, and RF measurements. Calibration products from Fluke Calibration are found in calibration facilities around the world, including National Metrology Institutes, that demand the highest levels of performance and reliability, backed by state of the art metrology and uncompromising support. They are relied on by quality engineers, calibration technicians, and metrologists to instill confidence in the measurements that are critical to their organizations for quality, safety, reliability, and cost. Fluke, Fluke Calibration and DH Instruments are either registered trademarks or trademarks of Fluke Corporation in the United States and/or other countries. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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