

**FLUKE**®

**Calibration**

# The Fluke Calibration 5560A, 5550A, and 5540A High Performance Multi-Product Calibrators

How can these multi-product calibrators make your work life easier and more efficient?



Let's find out...

# For the calibration laboratory manager

**“I want a calibrator that covers as much of my electrical calibration workload as possible.”**

The 5560A High-Performance Multi-Product Calibrator defines a new class of electrical calibrator, providing the broadest electrical workload coverage and highest accuracy for calibrating the most demanding modern workloads—including most 6.5-digit digital multimeters with 4:1 test uncertainty ratio and clamp meters to 1500 A.

The 5550A Performance Multi-Product Calibrator enhances the older Fluke Calibration 5522A calibrator, with new calibration ranges optimized to better match your existing digital multimeter workload—including 5.5-digit digital multimeters with 4:1 test uncertainty ratio.

The 5540A Multi-Product Calibrator extends the capabilities of the older Fluke Calibration 5502A calibrator, with better performance suited for on-site or mobile calibration. It calibrates the most popular handheld digital multimeters with increased test uncertainty ratios.

## Examples of what you can calibrate

- Digital multimeters
- Current clamps and clamp meters
- Thermocouples and RTDs
- Process calibrators
- Data loggers
- Strip and chart recorders
- Watt meters
- Graphical multimeters



**“I want to make it easy to train my team and know that I’m helping them to succeed on the job.”**

It can be difficult to find new skilled calibration technicians. No matter the skill level, you have to train new hires on your lab’s specific workload and processes. Why not make the job as easy as possible? The new 5560A, 5550A and 5540A help make things easier in many ways. Each calibrator covers a wide workload so you can do more with a single instrument—and you don’t have to train on multiple calibrators.

But there’s more. A 17.8 centimeter (7-inch) graphical user interface offers intuitive menus that are easy to navigate and read, providing access to common functions with the touch of a finger. The screen displays all the information you need for each parameter you’re calibrating, with color-coded fields that make it easy to see where to enter data. The menu is simplified and functions are laid out consistently so that once you learn how to operate one you know how to operate them all.

Visual Connection Management™ output terminals on the front panel light up to indicate which terminals are active, guiding the user to make the correct connections and also reducing the possibility of user error.

**“I want my lab to run as efficiently as possible.”**

For teams that have a large workload of digital multimeters, consider the optional DMM AUTOCAL Adapter. The adapter minimizes and sometimes even eliminates lead changes during digital multimeter calibration, increasing efficiency without sacrificing or compromising accuracy.

If you need to meet quality standards for documenting your procedures and reporting, consider automating the 5560A, 5550A or 5540A calibrator with MET/CAL Calibration Management Software. MET/CAL software helps you meet requirements while also increasing throughput and streamlining calibration processes. It makes it easier for technicians to handle multiple calibrations at once, and it helps everyone to do the work the same way, every time.



**“I want to know that I’ve made a smart purchase and that I’ve gotten the best solution.”**

Fluke Calibration is a leader in precision calibration instrumentation and software for electrical, temperature, humidity, pressure, flow, and RF measurements. Fluke Calibration products 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.

## For the calibration technician

**“I want to get up to speed quickly when learning to use a new calibrator.”**

The 5560A, 5550A and 5540A multi-product calibrators are extremely easy to learn and to use. The large 17.8 centimeter (7-inch) color touch screen is easy to read and the menu structure lets you access just about any feature with three button presses or less. Once you learn how to operate one function, you know how to operate them all, because the functions are all laid out the same way.

Visual Connection Management™ output terminals on the front panel light up to indicate which terminals are active, so you’ll make the correct connections every time. There’s no need to worry about “user error.”

The front panel terminals are arranged to help minimize lead changes during a calibration. If you calibrate a lot of digital multimeters, consider the DMM AUTOCAL adapter, which connects to the front panel and eliminates or drastically reduces any lead changes.

These calibrators let you handle a wide workload, so once you’re familiar with one, you can perform a wide variety of calibrations—you don’t have to learn multiple instruments.



**“I want to succeed professionally.”**

You can be proud to use a Fluke Calibration calibrator. Fluke Calibration instruments are used in National Metrology Institutes and in many calibration laboratories around the world.

And we don’t just sell you a calibrator and walk away. Visit us on the web at [www.flukecal.com](http://www.flukecal.com) to see a series of how-to videos for the 55XA Multi-Product Calibrators, as well as useful application notes.

We also offer a wide variety of resources to help you learn about calibration, as well as how to use specific calibrators, including an Education Hub, Knowledge Base, Blog, Resource Centers and on-demand Web Seminars. Visit [www.flukecal.com](http://www.flukecal.com) and explore all there is to help you increase your calibration expertise.

# For the mobile calibration professional

**“I want my calibrator to cover as much of my electrical workload as possible.”**

The 5560A High-Performance Multi-Product Calibrator defines a new class of electrical calibrator, providing the broadest electrical workload coverage and highest accuracy for calibrating the most demanding modern workloads—including 6.5-digit digital multimeters with 4:1 test uncertainty ratio and clamp meters to 1500 A.

The 5550A Performance Multi-Product Calibrator enhances the older Fluke Calibration 5522A calibrator, with new calibration ranges optimized to better match your existing digital multimeter workload—including 5.5-digit digital multimeters with 4:1 test uncertainty ratio.

The 5540A Multi-Product Calibrator extends the capabilities of the older Fluke Calibration 5502A calibrator, with better performance suited for on-site or mobile calibration. It calibrates the most popular handheld digital multimeters with increased test uncertainty ratios.

**“I want to reduce the amount of equipment I have to take into the field.”**

Because the 55XA Multi-Product Calibrators let you handle a wide workload of electrical instruments, you can do more with a single “box” and have fewer instruments to pack into your van.

There are a few optional accessories that you might consider depending on your workload

If your workload includes current clamps, you can rely on the new 1-, 2-, and 10 current coil or the redesigned 50-turn coil. Each coil has a protective cover over the coil, plus a handy carry handle that makes it easy to transport.

If you calibrate a lot of digital multimeters, the optional DMM AUTOCAL Adapter minimizes or even eliminates lead changes during digital multimeter calibration, letting you get the job done faster and more efficiently.



**“I want to transport my calibrator easily and safely.”**

The 5560A, 5550A and 5540A ship in hard-shell transit cases. For even more convenient protection when transporting one of these calibrators, consider the optional portability kit. The portability kit protects the calibrator and makes it easier to transport. The kit includes front/rear bumpers and an easy-grip side handle.

**Fluke Calibration.** Precision, performance, confidence.™

Electrical | RF | Temperature | Humidity | Pressure | Flow | Software

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