

Fluke Precision Calibrator Upgrades

Get more workload out of your calibrator

Technical Data



Fluke 5700A



Fluke 5520A

No matter what Fluke calibrator you have, there is sure to be an upgrade available to enhance its workload and add functionality. Maybe you want to increase the workload of your 5700A Multifunction Calibrator to handle 8½ digit meters or to improve uncertainty specifications 40%. Upgrade your 5520A Multi-Product Calibrator to a precision oscilloscope calibrator with our 1 GHz scope upgrade, or add the power quality (PQ) option to capture the growing market for power quality calibrations. Upgrade your 5820A Oscilloscope Calibrator from a single channel to a five-channel calibrator and watch your scope workload grow. As you can see, there are a lot of reasons to upgrade, and we have the right upgrade for your business needs.



Fluke 5820A

Why upgrade?

Aside from the obvious benefits of increased workload when upgrading your calibrator, you also get the peace of mind that all significant product change notices (PCN) will be installed. These PCNs alone can increase the accuracy, longevity, reliability and robustness of your calibrator so it works for you for many more years, trouble free. No matter what the age of your calibrator, after your upgrade service is performed, you receive a one-year warranty on the entire unit, not just the upgrade. Plus, with your upgrade you are eligible for a 20% discount on up to five years of priority calibrations and repair coverage with one of our Priority instrument Gold Care-Plans. These plans are a great way to keep your instrument up and running and in control of your ownership costs.

Upgrade benefits

- Increases your calibrator's workload
- Applies all significant PCNs to keep your calibrator performing its best
- New one-year full factory warranty applied after upgrades
- All functions inspected and verified by factory experts
- Includes accredited calibration

Upgrade specifications

Fluke upgrade specifications are the same as those listed for a new product option to your calibrator. The easiest way to find just what capabilities your calibrator will have after your upgrade is to go to the Fluke web site (www.fluke.com) and compare your model's specifications against the option you are upgrading to. In most cases, you will be adding entirely new func-

tionality, such as a scope option or power quality (PQ) option, so the gain in specifications are easily viewable online.

The 5700A/EP upgrade, for example, improves your old 5700A calibrator and basically brings it to the specifications of the newer model 5720A. This upgrade results in a 40% improvement in existing instrument uncertainty specifications!

Upgrade FAQ

The upgrade process

First, select the upgrade model number from the list on this data sheet. Model numbers are designed to clearly show what model you currently have and what option you are adding, separated by a (->) so identifying your model should be easy.

After selecting your model, contact your local Fluke service center or, in Europe or Asia, your local distributor or authorized Fluke service partner for pricing, an RMA number (Return Material Authorization), and shipping instructions. Parts may need to be scheduled for your upgrade, so to minimize your calibrator's down time, a service center advisor will contact you when everything is ready to fulfill your order. Most upgrades can be accomplished within one to two weeks.

What type of calibration certificate do I receive with an upgrade?

Your upgrade includes your choice of an accredited or standard calibration. Accredited calibration certificates offered are A2LA, DKD, RvA or UKAS depending on which of our service labs perform your upgrade.

Can a malfunctioning instrument be upgraded?

Yes; however, there may be an additional charge for repairing the instrument prior to performing the upgrade. A service center advisor will contact you prior to work being performed with work estimates for any needed repairs.

How do you identify an upgraded instrument?

All upgraded instruments carry updated firmware that identifies the instrument configuration. This information can be accessed through the menu system of your calibrator. There is also a model tag placed on the rear panel of your calibrator, indicating the current model configuration.

What warranty do I have with my upgrade?

You receive a one-year warranty on your entire unit following the upgrade.

Will my MET/CAL® software procedures work with upgraded equipment?

Some procedures may need adjustment after an upgrade. For example, upgrading a 5820A calibrator with a 3 MHz oscilloscope option to a 1 GHz will require minor procedure adjustments to enable you to fully address your new 1 GHz feature.

Where do I obtain MET/CAL procedures for my newly upgraded instrument?

To make the most of your upgrade, you will want automated MET/CAL procedures. If you are a MET/SUPPORTSM Gold member, you can download any procedures you need for your newly upgraded calibrator from the MET/SUPPORT web site at support.fluke.com.

Upgrade Models

Item Number	Model	Description
2788240	5320A -> 5320A/VLC UG	UPGRADE 5320A TO 5320A/VLC
2508012	5500A -> 5500A/3 UG	UPGRADE 5500A TO 5500A/3
2508020	5500A -> 5500A/6 UG	UPGRADE 5500A TO 5500A/6
2508035	5500A/3 -> 5500A/6 UG	UPGRADE 5500A/3 TO 5500A/6
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2508064	5520A -> 1 GHZ UG 1	UPGRADE 5520A TO 5520A/1.1 GHZ SN < 7460220
2508073	5520A -> 1 GHZ UG 2	UPGRADE 5520A TO 5520A/1.1 GHZ SN >= 7460221
2508187	5520A-PQ -> 1 GHZ UG	UPGRADE 5520A-PQ TO 5520A-PQ/1 GHZ
2508204	5520A-PQ/3 -> 1 GHZ UG	UPGRADE 5520A-PQ/3 TO 5520A-PQ/1 GHZ
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2508219	5520A-PQ/6->1 GHZ UG	UPGRADE 5520A-PQ/6 TO 5520A-PQ/1 GHZ
		FLUKE RETAINS /6 BOARD AS CORE RETURN
2508110	5520A/3 -> 1 GHZ UG	UPGRADE 5520A/3 TO 5520A/1 GHZ
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2508146	5520A/6 -> 1 GHZ UG	UPGRADE 5520A/6 TO 5520A/1 GHZ
		FLUKE RETAINS /6 BOARD AS CORE RETURN
2508086	5520A -> PQ UG	UPGRADE 5520A TO 5520A-PQ

Upgrade Models

Item Number	Model	Description
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2508154	5520A/6 -> PQ UG	UPGRADE 5520A/6 TO 5520A-PQ/6
		FLUKE RETAINS /6 BOARD AS CORE RETURN
2508099	5520A/1GHZ -> PQ UG	UPGRADE 5520A/1 GHZ TO 5520A-PQ/1G
2508047	5520A -> 5520A/3 UG	UPGRADE 5520A TO 5520A/3
2508058	5520A -> 5520A/6 UG	UPGRADE 5520A TO 5520A/6
2508168	5520A-PQ -> PQ/3 UG	UPGRADE 5520A-PQ TO 5520A-PQ/3
2508179	5520A-PQ -> PQ/6 UG	UPGRADE 5520A-PQ TO 5520A-PQ/6
2508105	5520A/3 -> 5520A/6 UG	UPGRADE 5520A/3 TO 5520A/6
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2508193	5520A-PQ/3 -> PQ/6 UG	UPGRADE 5520A-PQ/3 TO 5520A-PQ/6
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2646953	5520A -> PQ/6 UG	UPGRADE 5520A TO 5520A-PQ/6
2646966	5520A -> PQ/3 UG	UPGRADE 5520A TO 5520A-PQ/3
2646982	5520A -> PQ/1 GHZ UG	UPGRADE 5520A TO 5520A-PQ/1 GHZ S/N < 7460220
2646994	5520A -> PQ/1 GHZ UG	UPGRADE 5520A TO 5520A-PQ/1 GHZ S/N > = 7460221
2647001	5520A/3 -> PQ/6 UG	UPGRADE 5520A/3 TO 5520A-PQ/6
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2647012	5520A/3 -> PQ/1 GHZ UG	UPGRADE 5520A/3 TO 5520A-PQ/1 GHZ S/N < 7460220
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2647020	5520A/3 -> PQ/1 GHZ UG	UPGRADE 5520A/3 TO 5520A-PQ/1 GHZ S/N > = 7460221
		FLUKE RETAINS /3 BOARD AS CORE RETURN
2647047	5520A/6 -> PQ/1 GHZ UG	UPGRADE 5520A/6 TO 5520A-PQ/1 GHZ S/N < 7460220
		FLUKE RETAINS /6 BOARD AS CORE RETURN
2647064	5520A/6 -> PQ/1 GHZ UG	UPGRADE 5520A/6 TO 5520A-PQ/1 GHZ S/N > = 7460221
		FLUKE RETAINS /6 BOARD AS CORE RETURN
2510557	5700A -> EP UG	UPGRADE 5700A TO 5700A/EP
2510533	5700A/03 -> EP3 UG	UPGRADE 5700A/3 TO 5700A/EP3
2508228	5700A -> 5700A/03 UG	UPGRADE 5700A TO 5700A/03
2510525	5700A/EP -> EP3 UG	UPGRADE 5700A/EP TO 5700A/EP3
2541693	5700A -> EP UG W/CASE	UPGRADE 5700A TO 5700A/EP WITH 5700A-CASE
		GSA listed item (USA) - includes transit case
2541700	5700A/03 -> EP3 UG W/CASE	UPGRADE 5700A/03 TO 5700A/EP3 WITH 5700A-CASE
		GSA listed item (USA) - includes transit case
2508255	5720A -> 5720A/03 UG	UPGRADE 5720A TO 5720A/03
2508262	5790A -> 5790A/03 UG	UPGRADE 5790A TO 5790A/03
2510516	5800A -> 2.1 GHZ UG	UPGRADE 5800A TO 5800A W/2.1 GHZ OPTION
2510494	5800A/5 -> 5C UG	UPGRADE 5800A/5 TO 5800A-5C-GHZ
2510502	5800A -> 5800A/5 UG	UPGRADE 5800A TO 5800A/5
2510482	5800A/GHZ -> 5C UG	UPGRADE 5800A/GHZ TO 5800A-5C-GHZ

Upgrade Models

Item Number	Model	Description
2508324	5820A-1C-GHZ -> 5C UG	UPGRADE 5820A-1C-GHZ TO 5820A-5C-GHZ
2508313	5820A-1C -> 2.1 GHZ UG	UPGRADE 5820A-1C TO 2.1 GHZ
2508336	5820A-5C -> 2.1 GHZ UG	UPGRADE 5820A-5C TO 2.1 GHZ
3023409	6100A -> 6100A/80A UG	UPGRADE 6100A TO 6100A/80A
3023427	6100A -> 6100A/E UG	UPGRADE 6100A TO 6100A/E
3023430	6100A -> 6100A/E/80A UG	UPGRADE 6100A TO 6100A/E/80A
3023411	6101A -> 6101A/80A UG	UPGRADE 6101A TO 6101A/80A
2798878	6130A -> 6130A/80A UG	UPGRADE 6130A TO 6130A/80A
2541763	9100->9100 w/250 MHZ UG	UPGRADE 9100 TO 9100 w/250 MHZ
2634284	9100->9100 w/600 MHZ UG	UPGRADE 9100 TO 9100 w/600 MHZ
2564352	9100->9100 W/135	UPGRADE 9100 TO 9100 W/135 INSULATION/CONTINUITY OPT
2564645	9100->9100 W/PWR	UPGRADE 9100 TO 9100 W/POWER CALIBRATION OPTION
2565379	9100->9100 W/135 AND PWR UG	UPGRADE 9100 TO 9100 W/135 AND PWR
2510427	9500/400 -> 600	UPGRADE 9500/400 TO 9500/600
2510448	9500/400 -> 1100	UPGRADE 9500/400 TO 9500/1100
2510430	9500/400 -> 3200	UPGRADE 9500/400 TO 9500/3200
2510409	9500/600 -> 1100	UPGRADE 9500/600 TO 9500/1100
2510396	9500/600 -> 3200	UPGRADE 9500/600 TO 9500/3200
2510475	9500/1100 -> 3200	UPGRADE 9500/1100 TO 9500/3200
2510362	9500B/600 -> 1100	UPGRADE 9500B/600 TO 9500B/1100
2510355	9500B/600 -> 3200	UPGRADE 9500B/600 TO 9500B/3200
2510370	9500B/1100 -> 3200	UPGRADE 9500B/1100 TO 9500B/3200
2510411	9500/400 -> 9500B/3200	UPGRADE 9500/400 TO 9500B/3200
2510381	9500/600 -> 9500B/3200	UPGRADE 9500/600 TO 9500B/3200
2510466	9500/1100 -> 9500B/3200	UPGRADE 9500/1100 TO 9500B/3200
2510453	9500/3200 -> 9500B/3200	UPGRADE 9500/3200 TO 9500B/3200
2564650	9640A-STD -> STD/75	UPGRADE 9640A-STD TO 9640A-STD/75

Ordering information

United States

Telephone: +1 (800) 993-5853
 Email: ServiceStatus@fluke.com
 Web: www.fluke.com

Europe

Germany:

Telephone: + 49 (0) 180 523 2432
 Email: Service@de.fluke.com

Netherlands:

Telephone: + 31 (0) 40 267 5300
 Email: ServiceDesk@fluke.nl
 Web: www.fluke.nl

Other countries: Contact your local Fluke representative

United Kingdom:

Telephone: + 44 (0) 1603 256600
 Email: UKServiceDesk@fluke.com
 Web: www.fluke.co.uk

Fluke. *Keeping your world up and running.®*

Fluke Corporation

PO Box 9090, Everett, WA USA 98206

Fluke Europe B.V.
 PO Box 1186, 5602 BD
 Eindhoven, The Netherlands

For more information call:
 U.S.A. (800) 443-5853 or
 Fax (425) 446-5116
 Europe/M-East/Africa +31 (0) 40 2675 200 or
 Fax +31 (0) 40 2675 222
 Canada (800) 36-FLUKE or
 Fax (905) 890-6866
 Other countries +1 (425) 446-5500 or
 Fax +1 (425) 446-5116
 Web access: <http://www.fluke.com>

©2007 Fluke Corporation. All rights reserved.
 Specifications subject to change without notice.
 Printed in U.S.A. 4/2007 3029090 D-EN-N Rev A
 Pub_ID: 11248-eng Rev 01