

Manual Supplement

Manual Title:	5730A Getting Started	Supplement Issue:	2
Part Number:	4290571	Issue Date:	8/14
Print Date:	August 2013	Page Count:	1
Revision/Date:			

This supplement contains information necessary to ensure the accuracy of the above manual.

FLUKE®

Calibration

Change #1, 66057, 66398, 66301

On page 22, under **General Specifications**, delete the **Safety** and **Line Power** line and add:

Safety IEC 61010-1: Overvoltage Category II, Pollution Degree 2

Line Power

Line Voltage

5730A 100 V-120 V, 220 V- 240 V ± 10 %

5725A 100 V, 110 V, 115 V, 120 V, 200 V, 220 V, 230 V, 240 V, ± 10 %

Line Frequency 47 Hz-63 Hz

On page 25, under **5730A AC Voltage Specifications: 99 % Confidence Level:**

Change: 2.2 V Range, 500 kHz-1 MHz, 90 Days 1800 ppm + 600 μ V

To: 2.2 V Range, 500 kHz-1 MHz, 90 Days 1800 ppm + 400 μ V

On page 41, on both **Current Accuracy** tables, change the Note section to:

Notes:

1. t_{cal} is the temperature at which calibration adjustment took place.

Maximum inductance for stability LCOMP OFF is 100 μ H. Maximum inductance for stability LCOMP ON is 400 μ H for 2 A and 20 A ranges. 100 μ H on the 120 A range.

With LCOMP ON, the output is limited to 7.2e3 A-Hz. For example, a 100 A output is limited to 72 Hz.

Change #2, 391, 392, 396

On page 22, replace the **Electromagnetic Environment** with:

Electromagnetic Compatibility (EMC)

IEC 61326-1 (Controlled EM environment) IEC 61326-2-1; CISPR 11: Group 1, Class A

Group 1 equipment has intentionally generated and/or use conductively coupled radio-frequency energy which is necessary for the internal functioning of the equipment itself.

Class A equipment is equipment suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

Emissions which exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object. The equipment may not meet the immunity requirements of 61326-1 when test leads and/or test probes are connected.

USA (FCC) 47 CFR 15 subpart B, this product is considered an exempt device per clause 15.103

Korea (KCC) Class A Equipment (Industrial Broadcasting & Communication Equipment)

This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

On page 29, under **Frequency:**

Change: Accuracy ± 0.01 %

To: Absolute Specification ± 0.0025 %

On page 30, under **Phase Reference** (Selectable Rear Panel BNC Output), replace Frequency Range with:

Frequency Range 50 Hz to 1 kHz, usable 10 Hz to 1.1999 MHz