Manual Supplement

Manual Title:	ESA609 Users	Supplement Issue:	**5**
Print Date:	February 2014	Date:	1/16
Revision/Date:	1	Page Count:	2

This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the following CD-ROM:

CD Title:	ESA609
CD Rev. & Date:	2/2014
CD PN:	4370089

© 2014-2016 Fluke Corporation. All rights reserved.

FLUKE®
Biomedical

Change #1

On page 13, under the ***Performing a Ground-Wire (Protective-Earth) Resistance Test***, replace the two bullets with.

- If using an accessories probe, connect it to the other end of the test lead and place the probe tip into the Ground Pin of the Analyzer's test receptacle.
- If using an alligator clip accessory, connect it to the other end of the test lead, place the null post adapter in the Ground Pin of the Analyzer's test receptacle, and clamp the alligator clip to the null post adapter.

Change #2, 184, 185, 256

On page 2, add the following to the **Symbols** table:

CAT II	MEASUREMENT CAT II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage mains installation.

On page 13, under the ***Performing a Ground-Wire (Protective-Earth) Resistance Test***, add the following for Products shipped with a US outlet:

Some configurations include a 15 A to 20 A adapter for units equipped with a 15 A test receptacle. Use the adapter to accommodate devices with 20 A power plugs. When this adapter is installed, use the included ground lug and zero out the resistance for Ground Wire (Protective Earth) Resistance measurements. If you do not zero the resistance, you must add an additional factor of 5 mΩ to the readings obtained in Ground Wire Resistance mode.

To zero the resistance for units with the adapter, follow the procedure on page 13, under ***Performing a Ground-Wire (Protective-Earth) Resistance Test***, and replace the two bullets with:

- If using an accessories probe, connect it to the other end of the test lead and place the probe tip into the Ground Pin of the test receptacle.
- If using an alligator clip accessory, connect it to the other end of the test lead, place a ground pin adapter in the Ground Pin of the receptacle, and clamp the alligator clip to the ground pin adapter.

On page 29, under ***Specifications***, replace the **Power** section with:

Power

115 Volt test outlet	100/120 V ac rms, 50Hz/60Hz, 20 A maximum
230 Volt test outlet	200/220/230/240 V ac rms, 50Hz/60Hz, 16 A maximum
Power input	115V 20A - 2.6 kVA and 230V at 16A - 4.2 kVA

Change #3, 187

On page 30, under **Leakage Current**, replace the Accuracy with:

Accuracy

DC to 1 kHz	±(1 % of reading + 1 μA)
1 kHz to 100 kHz	±(2.5 % of reading + 1 μA)
100 kHz to 1 MHz	±(5 % of reading + 1 μA)

Change #4, 188

On page 29, under ***Specifications***, remove the **Agency approvals**.