

# Manual Supplement

Manual Title: 27 II/28 II Users  
Part Number: Web-Only  
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This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1

On page 2, under **Warning**, add:


- **Measure a known voltage first to make sure that the Product operates correctly.**
- **Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.**

On page 5, Table 1, replace CAT III, CAT IV and add CAT II:

CAT III	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.	CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.
CAT II	Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket Outlets and similar points) of the low-voltage MAINS installation.		

Change #2, 63409, 64064, 64649

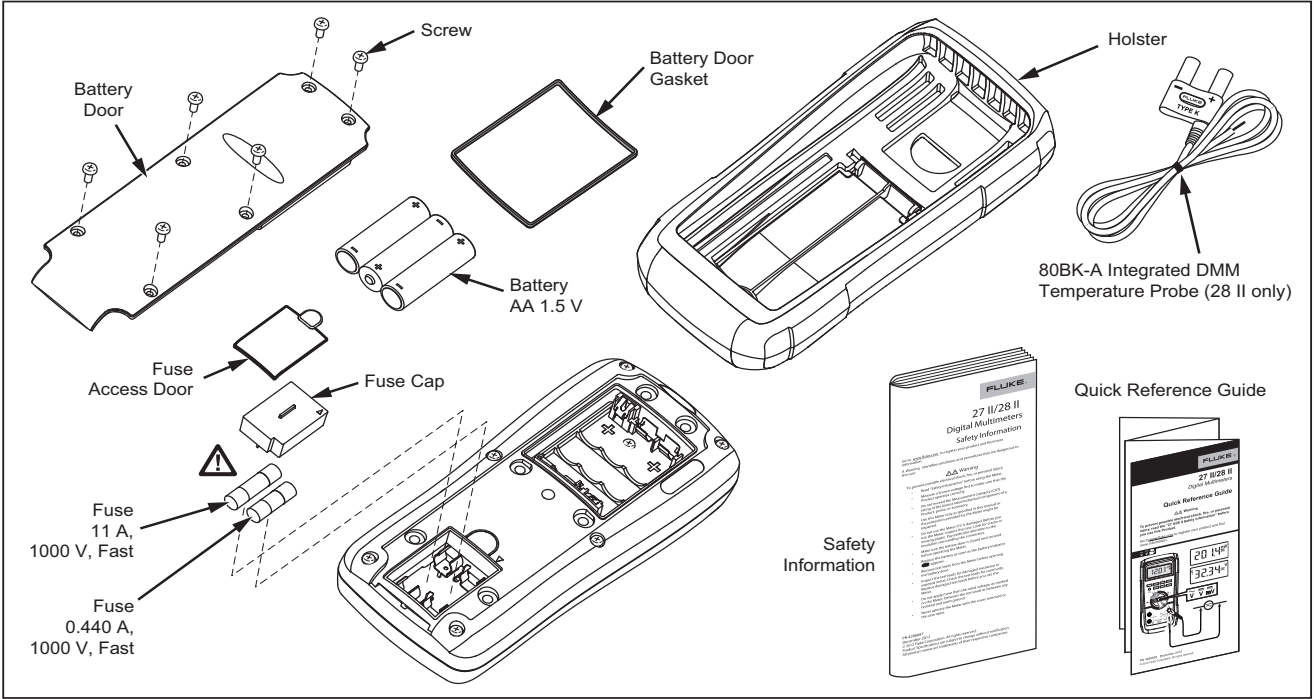
On page 5, add the following to the Symbols Table:

	Conforms to relevant South Korean EMC Standards.
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On page 41, delete the Black and Red Alligator clips and the 27II/28II Users Manual and Getting Started Manual entries and replace with:

Not shown	Test Leads	variable <sup>[1]</sup>	1 (set of 2)
Not shown	Alligator Clips	variable <sup>[1]</sup>	1 (set of 2)
Quick Reference Guide		4288093	1
Safety Information		4288087	1
[1] See <a href="http://www.fluke.com">www.fluke.com</a> for more information about test leads and alligator clips available for your region.			

On page 42, replace Figure 12 with:



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Figure 12. Replacement Parts

On page 43, delete the entire Table 10.

On page 45, replace the entire page with:

<b>Electromagnetic Compatibility</b> .....	In an RF field of 3 V/m, accuracy = specified accuracy +20 counts, except 600 $\mu$ A dc range total accuracy = specified accuracy +60 counts. Temperature not specified Applies to use in Korea only: Class A Equipment (Industrial Broadcasting & Communication Equipment) <sup>[1]</sup> [1] 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 is not to be used in homes.
<b>Relative Humidity</b> .....	0 % to 95 % (0 $^{\circ}$ C to 35 $^{\circ}$ C) 0 % to 70 % (35 $^{\circ}$ C to 55 $^{\circ}$ C)
<b>Battery Type</b> .....	3 AA Alkaline batteries, NEDA 15A IEC LR6, MSHA approved for use with three Energizer P/N E91 or three Duracell P/N MN1500 1.5 Volt, AA alkaline batteries only.
<b>Battery Life</b> .....	800 hrs typical without backlight (Alkaline)
<b>Vibration</b> .....	Per MIL-PRF-28800 for a Class 2 instrument
<b>Size (H x W x L)</b> .....	1.80 in x 3.95 in x 8.40 in (4.57 cm x 10.0 cm x 21.33 cm)
<b>Size with Holster</b> .....	2.50 in x 3.95 in x 7.80 in (6.35 cm x 10.0 cm x 19.81 cm)
<b>Weight</b> .....	1.14 lb (517.1 g)
<b>Weight with Holster and Flex-Stand</b> .....	1.54 lb (698.5 g)
<b>IP Rating</b> .....	IP 67
<b>Safety</b> .....	IEC 61010-1: 600 V CAT IV / 1000 V CAT III, Pollution Degree 2
<b>Electromagnetic Environment</b> .....	IEC 61326-1: Portable
<b>MSHA Approval</b> .....	18-A100015-0

On page 52, in the *Input Characteristics* table, add the following footnote to the **Overload Protection** column:

[1] $10^6$ V Hz Max
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