

# Manual Supplement

Manual Title:	175, 177, & 179 Calibration Supplement	Issue:	4
Part Number:	1600476	Issue Date:	3/13
Print Date:	March 2001	Page Count:	2
Revision/Date:	5, 2/08		

---

---

This supplement contains information necessary to ensure the accuracy of the above manual. Enter the corrections in the manual if either one of the following conditions exist:

1. The revision letter stamped on the indicated PCA is equal to or higher than that given with each change.
2. No revision letter is indicated at the beginning of the change.

## Change #1

On page 19, **Table 5**, replace items 7 and 8 with the following:

7	⚠ Fuse, 11 A, (fast acting), 1000 V ac/dc, minimum interrupt rating 17 kA *	803293	1
8	⚠ Fuse, 440 mA (fast acting), 1000 V ac/dc , minimum interrupt rating 10 kA *	943121	1

## Change #2, 55420

On page 6, add the following table to the bottom of the page:


















Frequency Counter Sensitivity						
Input Range <sup>[1][2]</sup>		Typical Sensitivity (RMS Sine Wave)				
		2 Hz to 45 Hz	45 Hz to 10 kHz	10 kHz to 20 kHz	20 kHz to 50 kHz	50 kHz to 100 kHz
Volts AC	600 mV	Unspecified <sup>[3]</sup>	80 mV	150 mV	400 mV	Unspecified <sup>[3]</sup>
	6 V	0.5 V	0.6 V	1.0 V	2.8 V	Unspecified <sup>[3]</sup>
	60 V	5 V	3.8 V	4.1 V	5.6 V	9.6 V
	600 V	50 V	36 V	39 V	45 V	58 V
	1000 V	500 V	300 V	320 V	380 V	NA
Volts DC	6 V	0.5 V	0.75 V	1.4 V	4.0 V	Unspecified <sup>[3]</sup>
	60 V	4 V	3.8 V	4.3 V	6.6 V	13 V
	600 V	40 V	36 V	39 V	45 V	58 V
	1000 V	500 V	300 V	320 V	380 V	NA
AC/DC Amps	mA	5 mA	4 mA	4 mA	4 mA <sup>[4]</sup>	NA
	A	0.5 A	0.4 A	0.4 A	0.4 A <sup>[4]</sup>	NA

[1] Maximum input for specified accuracy = 10X Range or 1000 V.  
 [2] Noise at low frequency and amplitude may exceed the frequency accuracy specification.  
 [3] Unspecified but usable depending on quality and amplitude of signal.  
 [4] In mA and A ranges, frequency measurement is specified to 30 kHz.

## Change #3, 63224, 63743

On page 3, replace the **Symbols** table with:

**Symbols**

	AC (Alternating Current)		Fuse
	DC (Direct Current)		Conforms to European Union directives.
	DC/AC		North America Standards Association
	Earth ground		Double insulated
	Capacitance		Battery (Low battery when shown on display.)
	Risk of Danger. Important information. See Manual.		Continuity test or continuity beeper tone.
	Hazardous voltage. Risk of electric shock.		Conforms to relevant Australian standards.
	Conforms to relevant South Korean EMC Standards.		Inspected and licensed by TÜV Product Services.
	This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste. Go to Fluke's website for recycling information.		
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.		
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.		

On page 4, in the **Specification** section, delete the **Surge Protection, Electromagnetic Compatibility, Safety Compliance,** and the **Certifications** and add:

**Safety** ..... IEC 61010-1: 600 V CAT IV / 1000 C CAT III, Pollution Degree 2

**Electromagnetic Environment** ..... IEC 61326-1: Portable

**Electromagnetic Compatibility** ..... 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.

On page 6, add footnote 9, and add to Temperature <sup>9</sup>:

9. In RF field of 3 V/m specified accuracy ±5 °C (9 °F).