

ELECTROMAGNETIC COMPATIBILITY TEST CERTIFICATE

for the Fluke 28IIEx Digital Multimeter



The Fluke 28IIEx was tested to the following standards
at the EMC laboratories of Fluke Corporation.
6920 Seaway Blvd Everett WA 98203

EN 61326-1:2006, EN61326-2-2:2006, CISPR 11:2004
Class A Emissions and Immunity

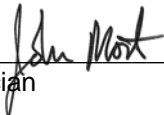
The Fluke 28IIEx passes test requirements for equipment used for:

<input type="checkbox"/> Industrial Locations	<input type="checkbox"/> Controlled EM Environments	<input checked="" type="checkbox"/> Portable Equipment
<input checked="" type="checkbox"/> Non-Domestic Use (Class A)		<input type="checkbox"/> Domestic Use (Class B)

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.

Prepared by:

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Sr. Specialist Technician



Date: 02/09/12

Approved by:

Michael Meisner _____
Test Engineer .



Date: 2/9/12

I. Test Results

The Fluke 28IIEx Digital Multimeter was tested to the following Electromagnetic Compatibility [EMC] requirements:

Adapted from CISPR 11 Table 2a

Emissions Limits for Class A Equipment

Port	Frequency MHz	Limits	Standard	Pass/Fail
Enclosure	30 to 230	40dB (uV/m) quasi peak, measured at 10 meters.	CISPR 11	Pass
	230 to 1000	47dB (uV/m) quasi peak, measured at 10 meters.		Pass
AC mains	0.15 to 0.5	79dB (uV/m) quasi peak, 66dB (uV/m) average.		N/A
	0.5 to 5.0	73dB (uV/m) quasi peak, 60dB (uV/m) average.		N/A
	5 to 30	73dB (uV/m) quasi peak, 60dB (uV/m) average.		N/A

Adapted from EN 61326-1:2006 Table A.1

Immunity test requirements for portable test and measurement equipment

Port	Phenomenon	Basic standard	Test value	Criteria	Pass/Fail
Enclosure	ESD	EN 61000-4-2	4 kV/8 kV contact/air	B	Pass
	EM Field	EN 61000-4-3	3 V/m (80 MHz to 1 GHz)	A ¹	Pass
	EM Field	EN 61000-4-3	3 V/m (1,4 GHz to 2 GHz)	A ¹	Pass
	EM Field	EN 61000-4-3	1 V/m (2,0 GHz to 2,7 GHz)	A ¹	Pass

1. See performance criteria definitions on following page.