Manual Supplement

Manual Title:	56x Users	Supplement Issue:	**4**
Print Date:	August 2010	Issue Date:	1/16
Revision/Date:		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:	56x
CD Rev. & Date:	12/2010
CD PN:	3833037

FLUKE®

Change #1, 58989, 64912, 67464

On page 5, under ***Features***, replace the 3rd bullet with:

- Current Temperature plus MAX, MIN, DIF, temperature displays

On page 25, replace the entire ***Specification*** page with:

Specifications

Feature	561	566	568
IR Temperature Range	-40 °C to 550 °C (-40 °F to 1022 °F)	-40 °C to 650 °C (-40 °F to 1202 °F)	-40 °C to 800 °C (-40 °F to 1472 °F)
Accuracy	<0 °C: ±(1 °C + 0.1 °/1 °C); ≥0 °C: ±1 % of reading or ±1 °C, whichever is greater <32 °F:(2 °F +0.1 °/1 °F); ≥32 °F: ±1 % of reading or ±2 °F, whichever is greater		
Repeatability	±0.5 % of reading or ±1 °C (2 °F), whichever is greater.	±0.5 % of reading or ±0.5 °C (1 °F), whichever is greater.	
Display Resolution	0.1 °C / 0.1 °F		
Spectral Response	8 to 14 µm		
Response Time (95 %)	<500 ms		
K-Type Thermocouple Input Temperature Range	-40 °C to 550 °C (-40 °F to 1022 °F)	-270 °C to 1372 °C (-454 °F to 2501 °F)	
K-Type Thermocouple Input Temperature Accuracy	Input accuracy ±1 % of reading or ±2 °C (±1 % of reading or ±4 °F), whichever is greater	-270 °C to -40 °C: ±(1 °C + 0.2 °/1 °C) -454 °F to -40 °F: ±(2 °F + 0.2 °/1 °F) -40 °C to 1372 °C: ±1 % of reading or ±1 °C (-40 °F to 2501 °F: ±1 % of reading or ±2 °F, whichever is greater)	
K-Type Thermocouple Resolution	1 °C /1 °F	0.1 °C /0.1 °F	
Distance:Spot (90 % energy)	12:1	30:1	50:1
Laser sighting	Single laser, output <1 mW Class II, wavelength 630 to 670 nm		
Emissivity	Lo, Med, Hi	Digitally adjustable from 0.10 to 1.00 by 0.01 or via built-in table of common materials	
Data storage	-	20 points	99 points
Communication	none		USB 2.0
Operating Altitude	3000 meters above mean sea level		
Storage Altitude	12,000 meters above mean sea level		
Relative Humidity	10 % to 90 % RH non-condensing up to 30 °C (86 °F)		
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	
Storage Temperature	-20 °C to 65 °C (-4 °F to 149 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	
Vibration	2.5 G, IEC 68-2-6		
Weight	0.322 kg (0.7099 lb)		
Dimensions	17.69 cm (6.965 in) H x 16.36 cm (6.441 in) L x 5.18 cm (2.039 in) W		
Power	2 AA /LR6 Batteries (alkaline or NiCD)		2 AA /LR6 Batteries or USB connection when used with a PC
Battery Life	12 hours with laser and backlight on; 100 hours with laser and backlight off, at 100 % duty cycle (thermometer continuously on)		
CE Certification	EN/IEC 61326-1:2006, Class B, Criteria A EN/IEC 61010-1:2001 EN/IEC 60825-1:2007		

Electromagnetic Compatibility	Applies to use in Korea only. Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] [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.

Change #2,

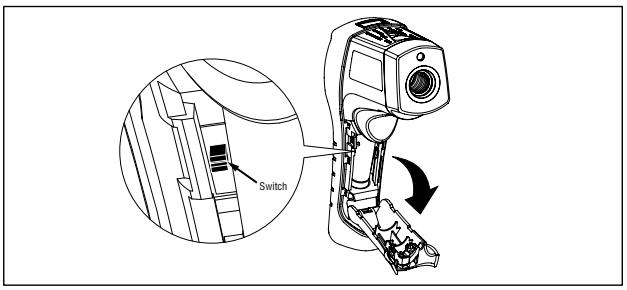
On page 3, add the following to the **Symbols** table:

KC	Conforms to relevant South Korean EMC Standards.

On page 6, under ***561 Display,*** add:

Toggle Between °C and °F

Open the battery compartment and locate the switch positioned between the left side of the battery near the Thermometer wall. To toggle between °C and °F, use a small screwdriver or paper clip to move the switch to the necessary position. See the Figure below.



efh012f.eps

561 toggle between °C and °F

Change #3, 237

Under the **LIMITED WARRANTY AND LIMITATION OF LIABILITY**, add the following address:

执行标准：Q/ASF 06
制造商：安徽世福仪器有限公司
生产地址：安徽省芜湖市鸠江经济开发区龙腾路66号
电话：0553-5610888

On page 4, Figure 2, replace the MC part number for Chinese only:

From: 沪制01120009号

To: 皖制00000287号