Supplement

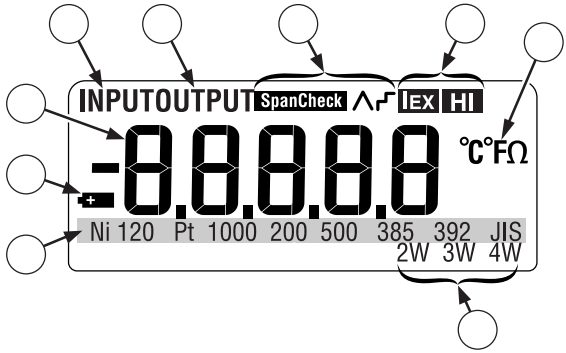
Title:	712 Inst.Sht.	Supplement Issue:	**1**
Part Number:	650280	Issue Date:	2/05
Print Date:	August 1997	Page Count:	5
Revision/Date:	2, 5/04		

This supplement contains information necessary to ensure the accuracy of the document described above.

FLUKE®

Change #1

Under ***Getting Acquainted with the Calibrator***, replace the figure with the following:



Under **Display Elements**, add the following to the table:

⑨ Span Check Step and Ramp	Lit when in Span Check, step and ramp modes

Prior to ***Simulating an RTD***, add the following sections:

Auto Shut-Off (Power Saver)

The Calibrator automatically turns off after 30 minutes of inactivity. To reduce the time or disable this feature:

1. With the Calibrator OFF, press ⓘ. P.S.xx is displayed, where xx is the turn-off time in minutes. OFF means the power saver is disabled.
2. Press ▲ and/or ▼ to increase or decrease the turn off time in minutes.

3. To disable, press ▼ until the display shows OFF.

Span Check

The calibrator allows you to store 0% and 100% setpoints for each output type. Once setpoints are stored, the span check feature allows you to quickly toggle back and forth from 0% to 100% or to step in 25% increments.
Automatic step and ramp modes can be enabled while in span check mode by simultaneously pressing ▲ or ▼. First select the desired output range, then proceed to store the setpoints:

1. Use ▲ and ▼ to set the output to the desired value for 0%.
2. Press ▲ and ▼ simultaneously to store the 0% value.
3. Use ▲ and ▼ to set the output to the desired value for 100%.
4. Press ▲ and ▼ simultaneously to store the 100% value.

Under ***Testing and Replacing the Fuses***, delete the entire section and the corresponding figure.

Under ***Replacement Parts and Accessories***, delete the F1, F2 row and under MP86 change the part number,

From: 620168
To: 2397526

Remove the F1 and F2 fuses from the replacement parts illustration.

Under ***Specifications***, replace the ***Ohms Specifications*** table with the following two tables***:***

Ohms Measurement Specifications

Ohms Range	Accuracy *	
	4-Wire	2- and 3-wire
0 to 400 Ω 400 to 4000 Ω	0.025 % ± 0.05 Ω 0.025 % ± 0.05 Ω	0.025 % ± 0.1Ω 0.025 % ± 0.55 Ω
Excitation current : 0.2 mA Maxiumum input voltage: 30 V *2-wire: Does not include lead resistance 3-wire: Assumes matched leads		

Ohms Source Specifications

Ohms Range	Excitation Current from Measurement Device	Accuracy
5 to 400 Ω 5 to 400 Ω 400 to 1500 Ω 1500 to 4000 Ω	0.1 to 0.5 mA 0.5 to 3.0 mA 0.05 to 0.8 mA 0.05 to 0.4 mA	0.025% ± 0.1 Ω 0.025% ± 0.05 Ω 0.025% ± 0.5 Ω 0.025% ± 0.5 Ω

Under ***RTD Specification***, replace the table with the following:

RTD Type	Range °C	Accuracy °C *			Allowable Excitation mA
		Measure		Source	
		4-wire	2- and 3-wire		
Ni120	-80.0 to 260.0	0.20	0.25	0.2	0.1 to 3.0
Pt100 385	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0
	100.0 to 300.0	0.30	0.40	0.3	

	300.0 to 600.0	0.40	0.52	0.4	
	600.0 to 800.0	0.50	0.65	0.5	
Pt200 385	-200.0 to 100.0	0.80	1.00	0.8	0.05 to 0.8
	100.0 to 300.0	0.90	1.15	0.9	
	300.0 to 630.0	1.00	1.20	1.0	
Pt500 385	-200.0 to 100.0	0.40	0.60	0.4	0.05 to 0.8
	100.0 to 300.0	0.50	0.75	0.5	
	300.0 to 630.0	0.60	0.90	0.6	
Pt1000 385	-200.0 to 100.0	0.20	0.25	0.2	0.05 to 0.4
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	
Pt100 3926	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	

Pt100 3916	-200.0 to 100.0	0.20	0.28	0.2	0.1 to 3.0
	100.0 to 300.0	0.30	0.40	0.3	
	300.0 to 630.0	0.40	0.52	0.4	
Addresses pulsed transmitters and PLC's with pulses as short as 5ms. Excitation current from 712: 0.2mA Maximum input voltage: 30V *2-wire: Does not include lead resistance 3-wire: Assumes matched leads					

Under ***General Specifications***, change the ohms ranges in the **Temperature coefficient**:

From: Ohms ranges are 400 Ω, 1.5 kΩ, and 3.2 kΩ

To: Ohms ranges are 400 Ω, 1.5 kΩ, and 4.0 kΩ