# Supplement

Title: 714 Inst.Sht. Supplement Issue: **4**
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This supplement contains information necessary to
ensure the accuracy of the document described
above.

FLUKE.

# Change #1

In the **Thermocouple Properties** table, change the **R, S,** and **B Display Resolution:**

   From: 1°C or °F
   To:    0.1°C or °F

Following *Turning the Calibrator On***,** 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 O. 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 the ] } keys. First select the desired output range, then proceed to store the setpoints:

1.  Use [ or ] and/or { or } to set the output to the desired value for 0%.

2.  Press [ and ] simultaneously to store the 0% value.
3.  Use [ or ] and/or { or } to set the output to the desired value for 100%.
4.  Press [ and ] simultaneously to store the 100% value.

### *Disable Cold Junction Compensation (CJC)*

It is possible to disable CJC by turning the 714 off, then turning it on again while depressing the X. The LCD will display CJC OFF to indicate CJC is disabled. CJC will default to enabled when power is applied.

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

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

    From:  620168
    To:    2397526

Remove the F1 Fuse from the replacement parts illustration.

Under *Specifications*, replace the *Temperature Measure and Thermocouple Simulate* and *Millivolt Measure and Source* tables with the following:

## *Temperature Measure and Thermocouple Simulate*

| TC Type | Range °C | Accuracy °C * |
|---------|----------|---------------|
| J | -210.0 to 0.0 | 0.6 |
| | 0.0 to 800.0 | 0.4 |
| | 800.0 to 1200.0 | 0.5 |
| K | -200.0 to 0.0 | 0.8 |
| | 0.0 to 1000.0 | 0.5 |
| | 1000.0 to 1372.0 | 0.7 |
| T | -250.0 to 0.0 | 0.8 |
| | 0.0 to 400.0 | 0.4 |
| E | -250.0 to -100.0 | 0.8 |
| | -100.0 to 1000.0 | 0.4 |
| R | -20.0 to 0.0 | 2.0 |
| | 0.0 to 1767.0 | 1.4 |
| S | -20.0 to 0.0 | 2.0 |
| | 0.0 to 1767.0 | 1.4 |
| B | 600.0 to 800.0 | 1.4 |
| | 800.0 to 1000.0 | 1.5 |
| | 1000.0 to 1820.0 | 1.7 |
| L | -200.0 to 0.0 | 0.45 |
| | 0.0 to 900.0 | 0.4 |
| U | -200.0 to 0.0 | 0.7 |
| | 0.0 to 600.0 | 0.45 |
| Maximum input voltage: 30V<br>* includes 0.2°C cold junction compensation (CJC) error | | |

## *Millivolt Measure and Source*

| Range | Resolution | Accuracy |
|-------|-----------|----------|
| -10 mV to 75 mV | .001 mV | 0.015% ± 10 μV |
| Maximum input voltage: 30 V<br>Maximum source current is 1.0 mA | | |

# Change #2

Under *General Specifications*, add the following:

**Protection Class:** Pollution Degree II

# Change #3

On the third panel, under **International Symbols**, add the following:

| **C** **N10140** | Conforms to Australian C-Tick directives |
|---|---|

# Change #4, 67382

On the third panel, under **International Symbols**, add:

| ⓚ | Conforms to relevant South Korean EMC Standards. |
|---|---|

Under *General Specifications*, add:

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.