

# Manual Supplement

Manual Title:	7012 User Manual	Supplement Issue:	4
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This supplement contains information necessary to ensure the accuracy of the above manual.

**FLUKE®**

**Calibration**

## Change #1

On page 11, under 3.1 **Specifications** replace the **Digital Setting Accuracy** with:

**Digital Setting Accuracy**     $\pm 1$  °C between the set point range 0 °C to 100 °C

On page 34, under **8.7 Temperature Controller** add:

The thermistor sensor probe used to control the 7012 bath provides a linear signal between the temperatures of 0 °C and 100 °C. Outside of this range the thermistor sensor probe is non-linear. The non-linear effect of the thermistor sensor probe may cause the Display Setting Accuracy to exceed the  $\pm 1$  °C listed in the specifications of Section 3.1.

## Change #2

On page 12, after the last bullet in the **Environmental Conditions** section, add:

*Note*

*The Product can show some control sensitivity to moderate or severe electromagnetic fields or conducted interference of certain frequencies. In the presence of radiated EM disturbances, with frequencies of 250 MHz to 400 MHz and with amplitude >1 V/m to a maximum of 3 V/m, add 0.0025 °C to the stability specification. Stability is not guaranteed if amplitude is >3 V/m. When subject to conducted disturbances of 8 MHz to 80 MHz, and amplitude >3 V, add 0.005 °C to the stability specification.*

## Change #3, 523

On page 12, under the **Environmental Conditions**, replace the 1<sup>st</sup> and 2<sup>nd</sup> bullets with:

- ambient temperature range: 5 °C to 35 °C (41 °F to 95 °F)
- ambient relative humidity: maximum 80 % for temperatures <31 °C decreasing linearly to 50 % at 35 °C

## Change #4, 567

On page *iv*, replace the Figure 5 line, with:

Figure 5 Drain Location and Lid .....25

On page 9, replace the third paragraph with:

The tank for the 7012 is stainless steel and holds 36 liters. The lid has a rectangular access hole (see Figure 5).

On page 24, section 7.4, replace the first paragraph with:

The lid has a rectangular access hole (see Figure 5). Lid features are described with reference to figure numbers as follows:

On page 25, number 3), replace with:

The rectangular access hole on the lid may be used to insert the users device to be thermostatted.

On page 25, delete the second number 3) and sentence.

On page 25, in Figure 5, remove the "Optional Pump Lid" diagram.