

## Instrument Security Procedures

**Model:**

Fluke 712B, 714B

**Product Name:**

712B: RTD Calibrator

714B: Thermocouple Calibrator

**Instrument Description:**

The 712B RTD Calibrator simulates RTD signals to a temperature meter or temperature transmitter and measures the output of the temperature transmitter simultaneously. It also measures temperature with an RTD sensor.

The 714B RTD Calibrator simulates TC signals to a temperature meter or temperature transmitter and measures the output of the temperature transmitter. It also measures temperature with a TC sensor.

**Memory Description:**

Fluke 712B and 714B has 2 memory devices:

- 1) U40, micro controller, TI MSP430F5436, 192kB Flash, 16kB RAM, contains operating code for the product and calibration constants.
- 2) U48, EEPROM, MICROCHIP 24AA024, 2Kb ROM, contains the initial parameter of the temperature range which includes the maximum temperature point and minimum temperature point.

**Memory Cleaning Instructions:**

After the 712B/714B is powered on, the memory will load calibration data. The memory will automatically clear after the 712B/714B is powered off.