Fluke 754 Process Calibrator Firmware Update

Follow the steps below to update your Fluke 754 Process Calibrator to the latest firmware.

Step 1: Download the Firmware

- Check the firmware version currently installed on your process calibrator.
- If your unit is running a version previous to 1.21 (version 1.06 - 1.18), download Firmware Version 1.21 (.exe).
- Save the file to your Windows PC.

Step 2: Prepare for the Update

- Connect your calibrator to a Windows PC using a USB cable (Provided with 754)
- Plug in the battery charger to ensure continuous power.
- Close other applications on your PC.

Note - We recommend disconnecting the PC from any network connection while performing the firmware update.

Step 3: Install the Firmware

1. Run the downloaded firmware exe file (754_software_update_V1.21.unsigned.production).
2. Follow the on-screen instructions.
3. Do not disconnect the calibrator or turn off the PC during the update.
4. When the update completes, power the calibrator off and back on.
5. Confirm the new firmware version is displayed (Version: 1.21).

Note — Recalibration is NOT required after completing the firmware update.

Firmware Version 1.21 — What's New

- Rosemount 3051 support for version 7.11 and above

Adds specific devices support for pressure zero trim and sensor trim for these newer Rosemount 3051 pressure transmitters.

What's New

Firmware Version 1.21 introduces enhanced support for Emerson Rosemount 3051C V7 transmitters, including:

- Pressure Zero Trim capability
- Sensor Trim capability
- Expanded HART communication and setup functions
- Improved compatibility with newer Rosemount 3051 transmitter revisions
- No instrument recalibration required after installation

Why This Matters

Many customers rely on the Fluke 754 as a key calibration and commissioning tool. Changes introduced in newer Rosemount 3051 transmitter versions reduced functionality with previous 754 firmware releases. This update restores and expands critical capabilities, enabling customers to continue using their existing Fluke 754 assets with confidence while supporting newer installed devices.