



Rosemount Smart Transmitters

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This two-day course introduces participants to the Rosemount smart transmitter. Topics include the hand-held unit operation, the model 3051 pressure transmitter, and model 3144 temperature transmitter.

I. Review of Instrument Loops

II. Smart Transmitter Overview

- Operation
- General Calibration Points
- General Calibration Routine

III. Rosemount Smart Transmitter Basics

- Hand-Held Unit
- HART Communicator Connections
- Liquid Crystal Display (LCD)
- Action Keys
- Alphanumeric and Shift Keys
- Using the Fast Select Feature
- Using the Shift Keys for Data Entry
- HART Communicator Messages

IV. Rosemount 3051 Pressure Transmitter

- Calibrating the 3051

V. Resistance Temperature Detector Review

VI. Rosemount 3144 Temperature Transmitter

- Transmitter Options
- Calibrating the 3144
- Calibration Procedures
- Reference Charts