AMS Trex
NIST Traceability

Commission, provision, configure, diagnose, and troubleshoot +2500 devices anywhere, anytime.

- HART devices via Bluetooth

Power the Loop – no power supply, no voltmeter, no loop resistor needed!

- NIST Traceability

Intrinsically safe: No need to shut down a processor pull a hot work permit.

Bluetooth Connectivity with Field Instruments

- Higher Maintenance productivity
- Increased Safety - safer access to field device information

Powerful, built-for-purpose diagnostic apps.

Manage your Trex units in Guardian and Upgrade Studio.

Improve Field Maintenance with a Reliable and Accurate Device Communicator

AMS™

EMERSON™

> Field calibration of pressure transmitters
> (zero-trim methods with Trex)

New & Improved Device Communication Plus Module with NIST Traceability

Increase technician productivity

- Perform loop checks and diagnose 4-20mA loops

- Verify DC current at field device matches expected at Digital Control System (DCS)

- Diagnose online control valves by running bump or partial stroke tests

- Support field device calibrations (zero-trim, D/A trim)

- Enhanced Trex **Loop Diagnostics** App

    – Higher resolution and accuracy of mA electrical measurements

    – Satisfy industry segments (e.g., Nuclear, Pharma) that require traceable, accredited calibration

Accuracy Guaranteed

Each AMS Trex with Device Communication Plus Module is delivered with a traceable, accredited calibration certificate with the following specifications:

- Functions: mA current control, mA current control/ device power, mA simulate, mA current measurement

- Ranges: 3 to 22.5 mA (current control); 0 to 24 mA (current measurement)

- Resolution: 1 µA

- Accuracy: +/-(0.01% RDG + 2µA) @ 23°C+/-5°C 3% / °C outside this temperature range

NIST Certification

Full NIST Calibration (including test data) can be ordered separately.

1. Order AMS Trex 2 unit with the new Device Communication Plus (9-jack) Module

    - Standard "L" model option code

2. Order Trex NIST Calibration Add-on Service TREX2-NEWNISTCAL

    - Annual re-certification services available; included with Product Support + Repair

    - Support part number: TREX-SUPR-1201