

AMS Trex

NIST Traceability

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

- HART devices via Bluetooth

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

Powerful, built-for-purpose diagnostic apps.



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

- NIST Traceability

Bluetooth Connectivity with Field Instruments

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

Manage your Trex units in Guardian and Upgrade Studio.

Improve Field Maintenance with a Reliable and Accurate Device Communicator

➤ 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 μ A
- Accuracy: $\pm(0.01\% \text{ RDG} + 2\mu\text{A}) @ 23^{\circ}\text{C} \pm 5^{\circ}\text{C}$
3% / $^{\circ}\text{C}$ 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

