The Accutech AI-1500 Smart Temperature Transmitter is unique. It's easy to use and moderately priced - like an analog transmitter. It's also versatile, linear, and based on microprocessor logic. The exceptional versatility of the AI-1500 not only lets you configure your transmitters exactly the way you want them; it also dramatically reduces back-up stock and spare parts. The AI-1500 is fully HART®, compliant and can be used with any HART®, compliant device (such as the HC275 HART®, Communicator).

**Superior Performance**
- Exceptional Speed and Accuracy
- Guaranteed Measurement Stability
- Automatic Self-Calibration
- Automatic Cold-Junction Compensation
- Digital Ambient Temperature Compensation

**Unmatched Versatility**
- Accepts virtually any Thermocouple or RTD
- Fully HART® Compliant
- Suitable for Field or Panel Mounting

**Simple Operation**
- Fast and Easy Set-up
  - Use Hand-held, Display, or PC
- Optional Plug-In LCD Displays

The AI-1500 can be mounted in explosion proof and weatherproof enclosures, as well as on a DIN rail for panel mounting applications. Local indication can be added at any time by simply plugging in one of the two optional displays. One transmitter on the shelf can back up the needs of an entire facility.

Automatic self-calibration every three seconds to on-board reference standards increases process measurement reliability and significantly reduces ongoing maintenance costs. Digital ambient temperature compensation completely characterizes each transmitter for performance in ambient environments from -40 to +185 °F, resulting in greatly reduced measurement drift.

In direct comparisons, the AI-1500 offers dramatically improved performance and outstanding value over competitive analog, programmable, and smart transmitters. Its stability, accuracy, versatility, reliability, and ease-of-use yield real benefits in process industry applications.

For over ten years, we have had a single focus - building the finest microprocessor-based industrial process instrumentation. This dedication to and knowledge of the industrial environment is built into every Accutech product. As a result, the AI-1500 is not only the best temperature transmitter available, the price and delivery are unmatched.