



1586A



DAQ-STAQ Multiplexer



1620A



1594A/1595A



5430



1560



1529



1502A/1504



1523/1524



1551A Ex and 1552A Ex

## Thermometer readouts

### 1586A Super-DAQ Precision Temperature Scanner and DAQ-STAQ Multiplexer

Best-in-class temperature measurement accuracy and up to 40 isolated input channels for measuring RTDs, thermocouples, thermistors, dc voltage, dc current, and resistance.

- PRTs:  $\pm 0.005\text{ }^{\circ}\text{C}$ ;
- Thermocouples:  $\pm 0.29\text{ }^{\circ}\text{C}$ ;
- Thermistors:  $\pm 0.002\text{ }^{\circ}\text{C}$
- Scan speed of up to 10 channels per second
- Real-time color trending—chart up to four channels simultaneously
- Control Fluke Calibration temperature sources such as dry-wells or Micro-Baths for automated calibration routines

### 1594A/1595A Super-Thermometers

Thermometry bridge accuracy combined with time-saving features.

- Calibrate SPRTs, PRTs, RTDs and thermistors ( $0\ \Omega$  to  $500\ \text{k}\Omega$ )
- Accuracy as good as  $0.06\ \text{ppm}$  ( $0.000015\text{ }^{\circ}\text{C}$ )
- Ratio Self-Calibration verifies and calibrates resistance ratio accuracy

### 5430 Standard AC/DC Resistor

Best performance available in an ac/dc resistor.

- Long-term stability better than  $2\ \text{ppm}/\text{year}$  ( $< 1\ \text{ppm}$  typical)
- Traceable ac and dc calibrations available
- National lab design proven for more than 25 years

### 1560 Black Stack Thermometer Readout

Accurate, expandable and configurable readout.

- Reads SPRTs, RTDs, thermistors, and thermocouples
- Any configuration you like up to eight modules
- High-accuracy reference thermometer (to  $\pm 0.0013\text{ }^{\circ}\text{C}$ )

### 1529 Chub-E4 Standards Thermometer

Lab-quality accuracy on four channels for PRTs, thermistors and thermocouples.

- Four channels for PRTs, thermistors, and thermocouples
- Displays eight user-selected data fields from any channel
- Logs up to 8,000 readings with date and time stamps

### 1502A/1504 Thermometer Readouts

Best performance thermometers in their price range.

- Single-channel reference thermometers
- Two models to choose from—reading PRTs or thermistors
- Best price/performance package

### 1523/1524 Reference Thermometers

Measure, graph and record three sensor types with one tool.

- High accuracy: PRTs:  $\pm 0.011\text{ }^{\circ}\text{C}$ ;
- Thermocouples:  $\pm 0.24\text{ }^{\circ}\text{C}$ ;
- Thermistors:  $\pm 0.002\text{ }^{\circ}\text{C}$
- A simple user interface to see trends quickly
- Smart connectors to load probe information automatically

### 1551A Ex and 1552A Ex Stik Thermometer

The best substitute for precision mercury-filled glass thermometers.

- Accuracy of  $\pm 0.05\text{ }^{\circ}\text{C}$  ( $\pm 0.09\text{ }^{\circ}\text{F}$ ) over full range
- Intrinsically safe (ATEX and IECEx compliant)
- Two models to choose from ( $-50\text{ }^{\circ}\text{C}$  to  $160\text{ }^{\circ}\text{C}$  or  $-80\text{ }^{\circ}\text{C}$  to  $300\text{ }^{\circ}\text{C}$ )

### 1620A Digital Thermometer-Hygrometer

The most accurate temperature and humidity graphical data logger on the market.

- Superior accuracy
- Network enabled
- Powerful logging and analysis tools