

Thermometer readouts

Intrinsically safe thermometers			
1551A Ex	100 Ω thin-film RTD	-50 °C to 160 °C (-58 °F to 320 °F)	Accuracy of ± 0.05 °C (± 0.09 °F) over full range. Intrinsically safe (ATEX and IECEx compliant). Two models to choose from (-50 °C to 160 °C or -80 °C to 300 °C)
1552A Ex	100 Ω wire-wound PRT	-80 °C to 300 °C (-112 °F to 572 °F)	
Precision digital thermometer readouts			
Model	Probe types	Accuracy at 0 °C	Features
Tweener			
1502A	PRTs	± 0.006 °C	Resolution of 0.001 °C and accuracy to match; uses ITS-90, IPTS-68, CVD, or DIN (IEC 751) conversions
1504	Thermistors	± 0.002 °C	Reads thermistors from 0 to 500 KW; uses Steinhart-Hart and CVD
Handheld			
1523	PRTs, Thermistors, Thermocouples	± 0.015 °C (PRTs)	Battery-powered, handheld reference thermometer; INFO-CON connector reads coefficients without programming; saves 25 readings on demand; graphs trends
1524	PRTs, Thermistors, Thermocouples	± 0.015 °C (PRTs)	Handheld reference thermometer same as 1523 but with inputs for two thermometers; logs up to 15,000 readings and stores 25 more on demand
Chub-E4			
1529	PRTs, Thermistors, Thermocouples	± 0.006 °C (PRTs)	Four channels can all be measured simultaneously; battery-powered; logs up to 8,000 readings; flexible display
Super-Thermometers			
1594A	SPRTs, PRTs, Thermistors	± 0.00006 °C	Ratio accuracy of 0.8 ppm; temperature-controlled internal reference resistors; six input channels
1595A	SPRTs, PRTs, Thermistors	± 0.000015 °C	Ratio accuracy of 0.2 ppm; Ratio Self-Calibration; automated zero-power measurements
Multi-channel			
1586A	PRTs, Thermistors, Thermocouples	± 0.005 °C (PRTs)	40 channels with scan rate of 10 channels per second
1560	Accepts any combination of the modules below; all are easily added to and removed from the 1560 Black Stack base		
2560	SPRTs, PRTs	± 0.005 °C	2 channels of 25W or 100W PRTs
2561	HTPRTs	± 0.013 °C	2 channels to 1200 °C
2562	PRTs	± 0.01 °C	8 channels of 2-, 3-, or 4-wire RTDs
2563	Thermistors	± 0.0013 °C	2 channels of resolution to 0.0001 °C
2564	Thermistors	± 0.0025 °C	8 channels for data acquisition
2565	Thermocouples	± 0.05 °C	Reads most TC types with 0.0001 mV resolution
2566	Thermocouples	± 0.1 °C	Reads any combination up to 12 channels of virtually any type of TC
2567	1000 Ω PRTs	± 0.006 °C	2 channels of high-resistance PRTs
2568	1000 Ω PRTs	± 0.01 °C	8 channels of high-resistance PRTs
Thermo-hygrometer			
1620A	The "DewK" Thermo-Hygrometer	Two channels measure ambient temperature to ± 0.125 °C and %RH to ±1.5 %. Onboard memory holds up to two years of time/date-stamped readings. Visual and audio alarms. Detachable sensors contain their own calibration data for easy recalibrations. Ethernet and wireless capabilities.	