Thermistor instruments can be very accurate and used in conjunction with several different types of probes. They can measure multiple kinds of temperatures from internal food to air temperature and equipment surfaces. A thermistor is a sensor embedded in a ceramic, glass or metal bead attached to an alloy wire and is very precise within a limited temperature range.

SH66A-E 3-Zone Temperature Instrument

For applications when multiple temperature measurements are needed, this is the instrument to use. Simultaneously measure suction and liquid line temperatures, as well as temperatures across condensing coils, evaporator coils and ambient temperatures.

SH66A-E:
• 1075 General Purpose Puncture Probe
• 2010 Air Probe
• 4011 Pipe Strap Probe

SH66A-E-032:
• 1075 General Purpose Puncture Probe
• 2010 Air Probe
• 4011 Pipe Strap Probe
• Certificate of Calibration Traceable to NIST Standards

SRH77A-E 3-Zone Temperature/Humidity Instrument

When temperature and relative humidity measurements are critical, the SRH77A-E is the expert's choice. View temperature differential, %RH, and wet-bulb.

SRH77A-E:
• 1075 General Purpose Puncture Probe
• 4011 Pipe Strap Probe
• 5028 Slim Humidity Probe

SRH77A-E-032:
• 1075 General Purpose Puncture Probe
• 4011 Pipe Strap Probe
• 5028 Slim Humidity Probe
• Certificate of Calibration Traceable to NIST Standards

TM99A Series
Thermistor Temperature Instrument

For applications where only one temperature is needed. It features Min/Max Memory, Hold, Auto-shut off and an LCD backlight for dark environments.

TM99A:
• 1075 General Purpose Puncture Probe
• 9339 Soft, Carrying/Storage Pouch

TM99A-E-032:
• 1075 General Purpose Puncture Probe
• 9339 Soft, Carrying/Storage Pouch
• Certificate of Calibration Traceable to NIST Standards

TM99A-V:
• 1050 Blunt-tip veterinary probe
• 9339 Soft, Carrying/Storage Pouch

	SH66A-E/ SH66A-E-032	SRH77A-E/ SRH77A-E-032	TM99A/ TM99A-E-032
Temperature Range:	-40° to 150°C (-40° to 300°F)	-40° to 150°C (-40° to 300°F)	-40° to 150°C (-40° to 300°F)
Accuracy:	±0.2°C (±0.3°F) or ±0.5% of reading, whichever is greater	±0.2°C (±0.3°F) or ±0.5% of reading, whichever is greater	±0.2°C (±0.3°F) or ±0.5% of reading, whichever is greater
Humidity Range:	-	10 to 95% RH	-
Humidity Accuracy:	-	±2% from 20 to 80% RH ±3% below 20% and above 80% RH	-
Ambient Operating Range:	-18° to 54°C (0° to 130°F) Up to 90% RH non-condensing	-18° to 54°C (0° to 130°F) Up to 90% RH non-condensing	0° to 50°C (32° to 122°F)
Resolution:	0.1°	0.1° 1% RH	0.1°
Display - LCD:	51 mm x 22 mm (2.0" x .875")	51 mm x 22 mm (2.0" x .875")	13 mm (0.5")
Min/Max:	Yes	Yes	Yes
Hold:	No	No	Yes
Backlight:	Yes	Yes	Yes
Power:	9V	9V	(2) 1.5V AAA
Battery Life:	90 hours	90 hours	1800 hours
Auto Off:	Yes (after 15 minutes)	Yes (after 15 minutes)	Yes (after 5 minutes)
Case Material:	Polyethylene	Polyethylene	ABS
Weight:	595 g (1 lb 5 oz)	595 g (1 lb 5 oz)	142 g (5 oz)
Regulatory Listings:	CE RoHS	CE RoHS	CE RoHS
Warranty:	5 Year	5 Year	5 Year