

THERMOMETERS - DIAL

Thermometers - Dial

Airefrig Part Number	Description	List Price Ex GST
F87R100	100mm Dial Th/meter : -40 to +40 : 3m Cap : rear or flush mount	\$72.60
150110	50mm Dial Thermometer : 0 to +120 : 1 m Cap : flush mount	\$27.90
150300	50mm Dial Thermometer : -40 to +40 : 1 m Cap : flush mount	\$22.56
4303	70mm Dial Thermometer: -50 to +50 : plastic mounting tab	\$16.54



SYSTEM ANALYSER - CPS

CPS Total System Analyser

Airefrig Part Number	Description	List Price Ex GST
SH450	Total System Analyser	\$630.00

SH450 Total Systems Analyser:

- Economical & effective option to digital manifolds without risk of cross contaminating systems.
- Directly measures superheat, sub-cool, relative humidity, dewpoint, wet bulb & dry bulb.
- Temperature differential between any 2 of the 4 integrated channels.
- Wide range of job specific accessory probes available.
- Measures pressure from -14.7 to 725 PSI, automatically calculates & displays superheat, sub-cooling, relative humidity, wet bulb, dry bulb & dew point readings in seconds.
- Wide range of job specific accessory probes available.
- Records & displays min/max readings for any channel at the touch of a button.
- Scan all 4 temperature channels simultaneously.
- Supplied in a self-contained rugged polyethylene case with room for accessory probes.



SH450 Superheat / Sub-cool Specifications

Pressure Range: -14.7 PSIG to 725.0 PSIG (-100 kPa to 5000 kPa)
 Pressure Accuracy: $\pm 1\%$ of reading or ± 0.5 PSIG (± 3.5 kPa), whichever is greater
 Pressure Units: PSIG, kPa, BAR, Hg, kg/cm²
 Proof Pressure: 1000 PSI (7000 KPa)
 Temperature Accuracy: $\pm 0.2^\circ\text{C}$ from -10.0°C to 70°C / 0.3°C elsewhere in the range
 Dew or Bubble saturation: $\pm 1.0^\circ\text{C}$

SH450 Thermo-Psychrometer Specifications

Total Measurement Temp Range: -40°C to $+150^\circ\text{C}$ Actual temperature range depends on the probe being used.
 Temperature Resolution: $\pm 0.1^\circ\text{C}$
 Temperature Accuracy: $\pm 0.2^\circ\text{C}$ from -10.0°C to 70°C / 0.3°C elsewhere in the range
 RH Range: 0 to 100%RH
 RH Accuracy (TMX3RH): $\pm 1.8\%$ RH from 10 to 90%RH; $\pm 3\%$ elsewhere in the range
 DB Accuracy (TMX3RH): $\pm 1.2\%$ of reading $\pm 0.5^\circ\text{C}$ from -40°C to 90°C

SH450 General Specifications

Power Source: 9V alkaline battery or optional TMX3PS AC adapter for 100 to 240VAC (40 to 60 Hz)
 Battery Life: 30 hours continuous use
 Automatic Power Off: After 10 minutes of inactivity (no key press) or selectable continuous ON mode.
 Backlight: EL panel stays on for 15 seconds upon activation
 Dimensions: 30.5cm x 25.4cm x 7.6cm
 Weight: 1.4 kg with probes

Note: Calibrated to NIST traceable Standards

THERMOMETERS - CPS

CPS Dual Probe Thermometer

Airefrig Part Number	Temp Range 0.1°C res	Temp Range 1.0°C res	Accuracy	Display	List Price Ex GST
TM75	-200 to 650°C	640 to 1370°C	± 0.1%	4 Digits	\$295.20

- Dual probe input (TM75 supplied with 1 x only TMXKBEAD -50 to 204°C bead sensor)
- Max / Min temperatures recorded
- Temperature difference between probes
- Hold / Real function
- Supports K,J,T probes
- Auto power off function
- RS232 port for data logging
- CD (optional software w/ D-Sub connector)
- Supplied in hard plastic carry case



TM75

CPS K-Type Probe

Airefrig Part Number	Description	List Price Ex GST
TMXKBEAD	Bead Probe K-TYPE -50 to 204°C 900mm lead	\$20.31
TMXSK	Surface Probe K-TYPE -50 to 400°C 1 metre coiled lead	\$96.06



TMXSK

CPS Infrared Thermometer

Airefrig Part Number	Range	Distance To Spot Size	Accuracy	Display	Resolution	List Price Ex GST
TMINI12	-60 to 500°C	12:1	± 2%	4 Digits	1.0°C/F°	\$270.60



TMINI12

CPS Thermometers

Airefrig Part Number	Description	List Price Ex GST
TM50	Digital Thermometer -40c to +260 °C	\$55.50



TM50

THERMOMETERS - FIELDPIECE

Fieldpiece Thermometer

Airefrig Part Number	Description	List Price Ex GST
SIR2	Pocket Sized Lase Thermometer -33 C to +250 C	\$133.65
SIP2	Pocket Sized Infrared Thermometer -30 C to + 530 C	\$72.90
SPK1	Portable Digital Thermometer -50 C to + 200 C	\$67.84
ST4	Dual Temperature Meter, c/w Thermocouples, C or F	\$222.75



SIR2



SIP2



SPK1



ST4