

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