



# SSM1

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## Super Heat / Sub Cool Meter

# ***INSTANT SUPER HEAT / SUB COOL CALCULATIONS***



- Measures Temperature & Pressure
- Calculates Super Heat / Sub Cool
- Works with refrigerant types:
  - R22
  - R134A
  - R404A
  - R410A



# SSM1 • Super Heat / Sub Cool Meter

Use the SSM1 to directly measure superheat or subcool by direct connections for temperature and pressure. The SSM1 is programmed with the most common four refrigerants, with data from the NIST-Pro refrigeration database for temperature-pressure values.

Clamp the pipe temperature probe around the refrigerant line, and pressure to the service port, and the SSM1 will perform the calculations for you. A magnetic mount allows for hands free use, with a bright back-lit display to use in low light conditions.

## Measures

- Pressure from 0~500 psia
- Temperature from -40~400°F

## Calculates

- Superheat for low side
- Subcool for high side (TXV systems)

## Refrigerants included for calculations

- R22
- R134a
- R404a
- R410a

## Includes

- SSM1
- ATTPC2 – Pipe Clamp Temperature Probe
- “T” fitting allows refrigerant to be added or removed with the SSM1 connected



Specifications	
Sensing resolution:	0.1psi (2kPa, 0.02bars)
Sensing accuracy:	0.5% FS $\pm$ 1 least significant digit
Working pressure:	0-500psia (3450 kPa, 34.5bars)
Temperature sensor range:	-40 to 400°F (-40 to 204°C)
Temperature Accuracy	(at 18°C~28°C, humidity <75 %R.H.): +-(1°F) -40°F~200 °F or +- (0.5°C) -40°C~93°C +-(2°F):200°F~400°C or +-(1C)93°C~204°C
Operating environmental temperature:	32~122°F (0~50°C).

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