

DualCool™ Panel Thermometer

The PM180 DualCool™ is a panel meter that can simultaneously measure temperatures of two probes and/or locations. An audible alarm sounds for up to one minute when the temperature registers below the minimum or above the maximum settings. The default Min / Max temperatures are factory-set and stored in the memory. These defaults can be changed and reset by the user.

Choose from three combinations:

PM180-01

- PM180 Panel Thermometer
- 2013 Air Probe
- 2113 Solid Simulator Probe

PM180-02

- PM180 Panel Thermometer
- (2) 2013 Air Probes

PM180-03

- PM180 Panel Thermometer
- (2) 2113 Solid Simulator Probes

PM180-03-032*

- PM180 Panel Thermometer
 - (2) 2113 Solid Simulator Probes
- *NIST traceable calibration



Specifications

PM180 DualCool™ Panel Thermometer

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Accuracy: ±2°F (±1°C)
- Resolution: 0.1°
- Response Time: 5 second updates
- Display: 2.125" x 2.875" (54 mm x 73 mm)
- 70 decibel alarm (can be disabled)
- Mounting bracket (includes screws & adhesive tape)
- Battery Life: 200 days, (1) AAA (included)
- 1 year warranty



Probe Specifications

2013 Air Probe

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Accuracy: ±0.4°F (±0.2°C) 32° to 158°F (0° to 70°C)
- Response Time: 40 sec in 5 m / sec air stream
- Cord Length: 10' (3 m)
- 1-year warranty

RoHS

2113 Solid Simulator Probe

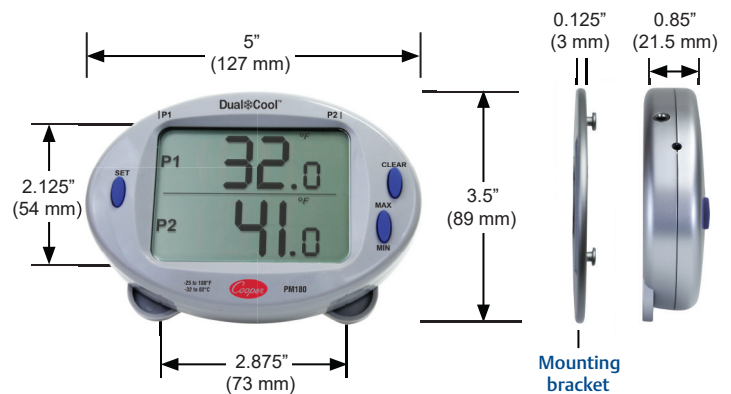
- Temperature Range: -25° to 180°F (-32° to 82°C)
- Accuracy: ±0.4°F (±0.2°C) 32° to 158°F (0° to 70°C)
- Response Time: 40 sec in 5 m / sec air stream
- Cord Length: 10' (3 m)
- Patent pending
- 1 year warranty

RoHS

Packaging

PM180 Dual Temperature Panel Meter

- Individual Package Weight (PM180-01): 11 oz (312 g)
- Individual Package Weight (PM180-02): 9 oz (255 g)
- Individual Package Weight (PM180-03): 14 oz (399 g)
- Individual Pkg Weight (PM180-03-032): 14 oz (399 g)
- Package Dimensions (L x W x H): 5.125" x 3.75" x 3" (130 mm x 95 mm x 76 mm)
- Package Cube: 0.03





Measure the temperature in TWO different locations, or compare the air and product temperatures in ONE location...WITHOUT OPENING A DOOR!

The DualCool™ can be used inside a variety of storage environments, such as freezers, reach-ins and hot-holding cabinets. Perishables and other foods in walk-ins and reach-ins must be maintained within strict temperature zones to keep food safe. Hot-holding cabinets need to preserve the natural moisture of the product in tandem with holding cooked food at safe temperatures.



HOT-HOLDING CABINETS



WALK-IN FREEZERS / REFRIGERATORS



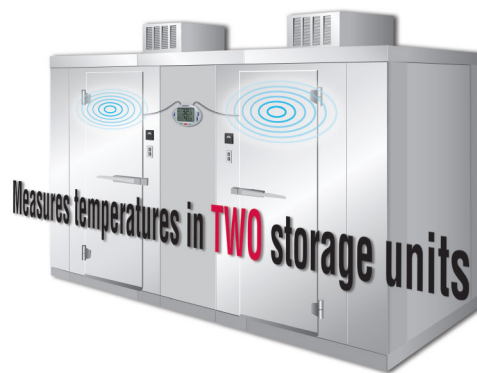
REACH-INS

HERE ARE JUST A FEW APPLICATIONS FOR THIS VERSATILE TOOL:

- Use two air probes to measure the separate ambient temperatures in two different units or two locations in one unit.
- Combine a solid simulator probe and an air probe. The air probe will capture the changes in air temperature as doors are opened and closed; the solid simulator probe will simulate the actual temperature of the food.
- Set Min / Max temperature for food storage. Critical limits can be set, and adjusted, by the user.
- Provide an alarm when food reaches unsafe temperatures thus reducing spoilage. A 70 decibel audible alarm, with flashing display, sounds for up to one minute when critical limits have been exceeded.
- Recall Min / Max temperature feature for each probe. Cycle easily through the captured Min / Max temperatures. Invaluable for determining if food has entered the temperature danger zone during a specific time period.



Recall separate Min / Max temperatures for each probe!



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