

# PRODUCT SPECIFICATIONS

## Certified Alarm Thermometer Internal and External Sensors



Model 12215

A temperature-buffered sensor enclosed in a bottle of propylene glycol solution ensures accurate measurements that are not impacted by rapid temperature fluctuations caused by frequent refrigerator or freezer door openings. The propylene glycol solution is GRAS (generally recognized as safe) and mimics temperature readings in a medium similar to common fluids stored in food and laboratory refrigerators, freezers and cold display cases.

- Internal sensor for ambient air temperature
- External sensor with high/low alarm setting
- Switchable internal/external temperature display
- Minimum/Maximum memory for temperature readings
- Jumbo LCD display with back light
- Switchable °F/°C scale
- Magnetic attachment and fold away stand



Internal Sensor Range	14°F to 122°F (-10°C to 50°C)
External Probe Range	-58°F to 158°F (-50°C to 70°C)
Accuracy	±1.8°F (±1.0°C)
Sampling Rate	10 seconds
Display Resolution	0.1°
Display Size	1.8in W x 0.87in H (46mm W x 22mm H)
Instrument Size	3.15in W x 2.05in H x 0.67in D (80mm W x 52mm H x 17mm D)
External Probe Type/Size	Stainless Steel, 0.43in L x 0.2in Dia (11mm L x 5mm Dia)
External Sensor Bottle	Polystyrene with PE cap, 1.6in L x 0.79in Dia (41mm L x 20mm Dia)
External Sensor Buffer	Propylene glycol (GRAS classified – Generally Recognized As Safe)
External Sensor Cable	9.84ft x 0.08in Dia (3 meters x 2mm Dia)
Battery	CR2032, 3 volt x 1
Certification	CE mark, NIST traceable, WEEE

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