

PRODUCT SPECIFICATIONS

CERTIFIED REFRIGERATOR/FREEZER Alarm Thermometer System



Model 12213



This thermometer features an enclosed temperature-buffered sensor which ensures accurate temperature measurements that are not impacted by rapid temperature fluctuations caused by frequent refrigerator/freezer door opening. It also mimics temperature readings in a medium similar to the common fluids stored in refrigerators and freezers, in labs.

- Fast response stainless steel external sensor attached to a 10-ft (3 meter) cord and sealed in a bottle with propylene glycol, solution classified as GRAS (generally recognized as safe)
- Internal sensor for monitoring air temperature
- Min/Max memory for storing the lowest and highest temperature reading for the internal or the external sensor
- Min/Max alarm setting features with audible warnings for out-of-range temperature conditions measured by the external sensor
- Selectable °C/°F scale

Temperature Range	Internal Sensor: 14°F to 122°F (-10°C to 50°C) External Probe -13°F to 104°F (-25°C to 40°C)
Accuracy	Internal Sensor: ±1.8°F (1°C) External Sensor: °1°F (.5°C) from -13°F to 104°F (-25°C to 40°C) Otherwise 1.8°F (1°C)
Sensor Type	Thermistor
Probe Type/Size	Stainless Steel Probe .875 in (L) x .2 in (Dia) / (17.8mm) (L) x (5mm) (dia) inside of a 3.7cc glycol filled vial 2.5 in (L) x .675 in (Dia) 63mm (L) x 17mm (Dia)
Temperature Scale Select	F/C button on back of case
Display Reading Update	10 seconds
Resolution	0.1°F (0.1°C)
Alarm	Hi/Low alarm
Battery Type/ Life	1.5 Volt AAA / 1 year
Body Casing	Polycarbonate and ABS plastics
Product Size	2.9" (W) x 2" (H) x .6" (D) / 73.5mm (W) x 52mm (H) x 15mm(D)
Display Window Size	1.9" (W) x 0.8" (H) (48mm x 21mm)
Certification	CE mark, N.I.S.T. traceable



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