

Sensor Types

Refrigerator/Freezer

Refrigerators, freezers

Medium: 70% Glycerin/30% water for refrigerators
100% alcohol (propanol) for freezers

Range: -45°C to 15°C

Accuracy: ± 0.5°C

Product Code: RE

Ultra-Low Temperature

Ultra-cold freezer, deep freeze storage

Medium: 100% alcohol (propanol)

Range: -90°C to -45°C

Accuracy: ± 0.5°C

Product Code: SC

Room Temperature

Storage rooms, laboratory, pharmacy medication rooms, etc.

Range: 10°C to 50°C

Accuracy: ± 0.5°C

Product Code: RM-S

Incubator

Incubators, water baths, etc.

Medium: Air or fluid

Range: 10°C to 50°C

Accuracy: ± 0.5°C

Product Code: RM-L

Room Humidity

Monitor room relative humidity

Medium: Air

Range: 10 to 99%

Accuracy: ± 2%

Product Code: HU-S

Incubator Humidity

Monitor incubator relative humidity

Medium: Air

Range: 10 to 99%

Accuracy: ± 2%

Product Code: HU-L

High Temperature

Thermocyclers (DNA replication), hot water baths, blanket warmers, ovens

Medium: Water Bath Solution

Range: 50°C to 105°C

Accuracy: ± 0.5°C

Product Code: TC

Liquid Nitrogen

Cryogenic storage tanks

Medium: Liquid Nitrogen

Range: -200°C to -90°C

Accuracy: ± 1°C

Product Code: TMC

Medium (buffering solution) listed is recommendation only. Actual medium selected and used is the sole responsibility of the user and shall be in accordance with user's accepted safety, hazardous materials and MSDS policies.

Sensor Types Continued

Heat Block

Heat blocks

Range: 10°C to 50°C

Accuracy: ± 0.5°C

Product Code: RM-H

Gel Incubator

Ortho gel incubators

Medium: Gel Cartridges

Range: 10°C to 50°C

Accuracy: ± 0.5°C

Product Code: RM-G

Carbon Dioxide

CO₂ incubators

Range: 0% to 20%

Accuracy: ± 2%

Product Code: CO2

Oxygen

Room oxygen levels

Range: 0% to 25%

Accuracy: ± 3%

Product Code: O2

Horizontal Motion

Platelet incubators

Range: Up to 120 movements per minute (MPM)

Accuracy: ±1 MPM

Product Code: MPM

Differential Pressure

Pharmacy clean rooms, ante rooms,
patient isolation rooms, biological hoods
****USP 797 Requirement****

Medium: Air

Range: ±0.25 of H2O pressure

Product Code: DP

Blood Culture Incubation

Chamber Temperature

Monitor the chamber temperature of blood
culture alert systems

Product Code: BTTP

Door Access

Appliances, entryways, medicine storage
cabinets, drawers, etc.

Monitor the open/close status of a door

Product Code: DA

4-20 mA

4-20 mA interface: particle count, pressure,
system status of health, and other parameters

Product Code: 420

Binary State

Appliances, liquid nitrogen tanks,
automation equipment & HVAC systems
with a dry contact interface

Product Code: BIN

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