ABT4490

Digital Rail Thermometer

Instruction Manual

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Basic Setup

Setting up the equipment

- Once the thermometer has been taken out of the packaging, remove the film label from the display aperture.

- There is no on/off switch, simply insert the battery and the temperature will appear on the display.

Measurement

- The thermometer's temperature reading can be set to either ˚C or ˚F. Switching between these is done by using the switch located on the front of the thermometer.

Use of the thermometer

1.1 Sensors

- There is a switch located on the right hand side (when looking at the front of the thermometer).That will switch between the 'in' and 'out' sensors.

- The 'in' sensor reads the temperature measured by the sensor in the body of the thermometer.

- The 'out' sensor reads the temperature measured by the sensor in the magnetic rubber disc.

1.2 Taking the measurement

- To read the ambient temperature, set the thermometer's switch to display the 'in' sensor.

- To read rail temperature attach the 'copper disc' sensor to the object and set the thermometers switch to read the 'out' sensor.

1.3 Replacing the battery

To replace the battery slide the battery door located on the back of the thermometer.

- Battery type: AAA or UM 4

1.4 Light

When there is insufficient light during use, the thermometer's display can by illuminated by holding the light button down, this is situated on the front of the thermometer below the ˚C or ˚F switch.

Although the rail sensor is insulated from ambient temperature, the best results are obtained if the sensor is out of direct sunlight.

Care of thermometer

To clean the thermometer and disc, wipe with a damp cloth. Do not use solvents.