

**ALCOHOL STEM THERMOMETER**

**Power source:**

None

**Temperature ranges & accuracy:**

Upper limit: +50°C

Lower limit: -30°C

Accuracy: ±1°C

**Scale markings:**

Easily readable with a minimum space of 1 mm between each line:

Long lines (with numbers) for each 10 degrees

Short lines for even numbered degrees

Shorter lines for odd numbered degrees

Safe zones for ranges of 0°C to +8°C and -15°C to -25°C to be marked with a green bar.

**Maximum relative humidity:**

90%

**Casing specification:**

Non-corrodible, sealed mechanism.

**Robustness:**

To withstand 5 drops from 1 metre and vibration test.

**Construction:**

The glass column must be protected against breakage and strongly supported so that:

- ° the column cannot be displaced more than 0.5 mm vertically with respect to the scale;
- ° the reading angle is between 80/100° to plane of support plate.

**Mounting specification**

Hook to suspend from shelf, or adhesive.

Application and remarks:

Used inside refrigerators or freezers in small health centres. Can also be packed with vaccines during transport.

WHO Specification reference: E6/TH.3  
Applies to procedures : E6/PROC/2

