

SPECIFICATIONS OF ALCOHOL STEM THERMOMETER

1. Power Source:

None

2. Temperature ranges & accuracy:

Upper limit : + 50°C

Lower limit : - 30°C

Accuracy : ± 01°C

3. Scale Markings:

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

Long lines (with numbers) : for each 10 degrees

Short lines : for even number degrees

Short lines: for odd number degrees

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

4. Maximum relative humidity:

90%

5. Casing Specification:

Non-corrodible, sealed mechanism

6. Robustness:

To withstand 5 drops from 1 meter and vibration test.

7. Construction:

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

- the column cannot be displayed more than 0.5mm vertically with respect to the scale.
- Alcohol stem column should be firmly fixed to the marking scale.
- the reading angle is between 80/100° to plane of support plate.

8. Mounting Specifications:

Hook to suspend from self or adhesive with 1mm hole to tie with basket.

9. Application and remark:

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

10. Demonstration is must for final approval.

11. Guarantee: One year against any manufacturing defect from the date of supply/delivery.

12. WHO specification reference: E6/TH.3

Executive Director (EPM)

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