

# Wuxi Medical Instrument Factory Co., Ltd

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## Technical data sheet of mercury free thermometers

### 1. description:

Clinical thermometers mercury free are used for measuring temperature of human Body.

2. it contains the mixture of Gallium/Indium/Tin: weight of solution:  $0.7g \pm 0.1g$ , and gallium:  $70\% \pm 2\%$ , Indium:  $20\% \pm 2\%$ , Tin:  $10\% \pm 2\%$

3. measuring range:  $35-42^{\circ}\text{C}$ , min interval is:  $0.10^{\circ}\text{C}$

### 4. size of thermometers:

. flat type, large size, length:  $120 \pm 5\text{mm}$ ; H/W: 12. 1x8. 8mm

5. **Accurate:  $37^{\circ}\text{C}$  and  $41^{\circ}\text{C}$ :  $+0.10^{\circ}\text{C}$  and  $-0.15^{\circ}\text{C}$**

6. standard: EN12470:2001+A1:2009

7. operating temperature:  $20^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

8. storage temperature:  $-20^{\circ}\text{C}$  to  $42^{\circ}\text{C}$

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