

## Medicinal Plaster Softening Point Tester

T-SOF-001 - Determines the softening point of medicinal plasters in the 40-80 °C range using controlled water-bath heating and automatic optical detection.



### Key features

- Automatic temperature control throughout the test
- Automatic steel-ball placement after equilibration
- Fibre-optic endpoint detection
- Heating without stirring to avoid disturbing samples

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## Core specifications

|                               |                     |
|-------------------------------|---------------------|
| Sample softening-point range  | 40-80 °C            |
| Display resolution            | 0.1 °C              |
| Temperature error at 30-50 °C | ±0.2 °C             |
| Temperature error at 50-80 °C | ±0.3 °C             |
| Bath heating rate             | 1.0-1.5 °C/min      |
| Bath equilibrium temperature  | 37 ±1 °C            |
| Bath heating range            | 37 ±1 °C → 80 ±2 °C |
| Timing accuracy               | ±1 s/min            |

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## Configuration and ordering

### Standard Configuration

Instrument with controlled bath heating, ball-placement mechanism and optical detection. Confirm consumables and the complete supplied fixture list.

### Optional Accessories

No optional accessory list is documented. Request compatible spare test parts and qualification-document availability in the quotation.

### Selection / Ordering Information

Specify the plaster formulation, expected softening range and applicable method edition. Confirm electrical supply and required test fixtures before ordering.

Technical documentation references the Chinese Pharmacopoeia softening-point method without identifying an edition. This is not a certification claim. Electrical ratings and a full packing list are not documented.