

Suppository Tester: SDT 1000

Straightforward suppository testing

Designed in accordance with the specifications laid down in Ph. Eur. 2.9.2, the SDT 1000 is a single unit tester optimised for assessing the disintegration properties of suppositories and pessaries and with the appropriate attachment, for measuring the softening time of lipophilic suppositories (as per Ph. Eur. 2.9.22.-2).

The SDT 1000 has a simple design, which uses manual inversion controlled via a water-resistant pulley system. Test parameters including water bath temperature and stirrer speed are easily set using the touch key interfaces.



Ph. Eur. compliant




Easy-remove components for straightforward cleaning





Single unit assesses both disintegration and softening time (with necessary attachments)

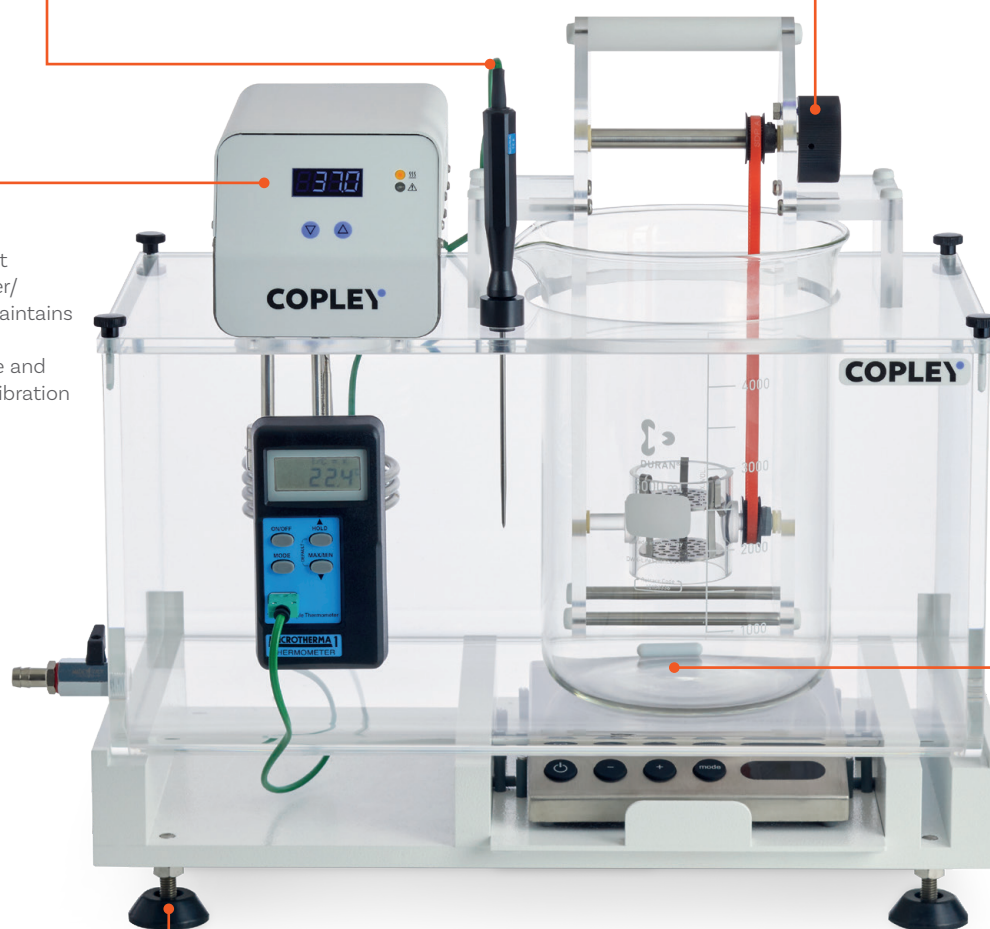


SDT 1000: Key Features


 Integrated PT100 probe for precision temperature control and measurement

 Manual sample inversion offers users ultimate control and flexibility

 Independent digital heater/circulator maintains a constant temperature and minimises vibration

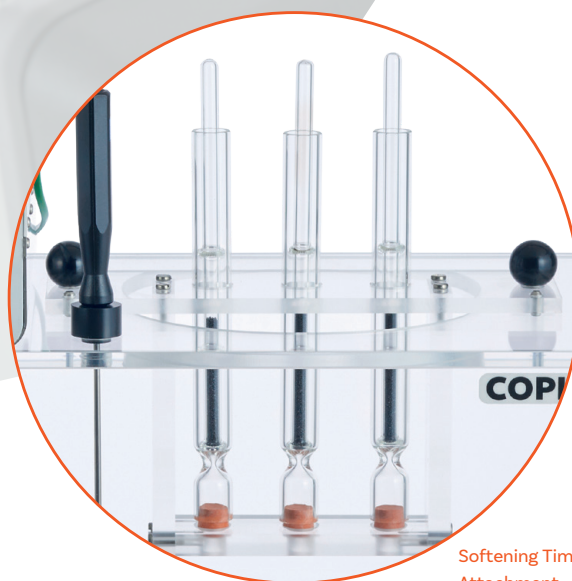


 Powerful magnetic stirrer ensures consistent mixing during testing

 Small unit footprint saves previous benchtop space

Softening Time Attachment

A special attachment is used in place of the disintegration test station, in combination with a 4-litre beaker containing three glass rods (C1) for measuring the softening time of lipophilic suppositories, in accordance with Ph. Eur. 2.9.22.-2.



Softening Time Attachment



SDT 1000

| Cat. No. | Description |
|----------|--|
| 1704 | Suppository Disintegration Tester SDT 1000 |
| 1705 | Electro-Magnetic Stirrer for SDT 1000 |
| 1706 | Softening Time Attachment (Ph. Eur. 2.9.22.-2) |

SDT 1000: Technical Specifications

| | |
|------------------------------------|--|
| Pharmacopoeial Compliance | Ph. Eur. Test 2.9.2 Ph. Eur 2.9.22.-2 (with suitable attachments) |
| User Interface | Touchpad buttons, LED display |
| Test Stations | Disintegration: 1 Softening Time: Up to 3 |
| Temperature Range | Ambient - 50 °C |
| Sample Inversion | Manual |
| Stirrer Speed | 80 - 2000 rpm (in 10 rpm intervals) |
| Unit Dimensions (w x d x h) | 510 x 280 x 500 mm |



SDT 1000 Accessories

| Cat. No. | Description |
|----------|---|
| 1707 | Qualification Tools |
| 1712 | Re-calibration of Qualification Tools |
| 1708 | IQ/OQ/PQ Documentation |
| 1710 | Digital Timer with Audible Alarm (including calibration) |

Vaginal Tablet Tester (VTT)

Using the same sample holder as the SDT 1000 together with a low form beaker and heater/stirrer, Copley's VTT is a reliable, easy-to-use and compliant (Ph. Eur. 2.9.2) solution for assessing the disintegration properties of vaginal tablets.

Vaginal Tablet Tester

| Cat. No. | Description |
|----------|--|
| 1800 | Vaginal Tablet Tester (VTT) |
| 1709 | Glass Plate for use with Vaginal Tablets |

