



art.-no.: 40-190-100

type: Vicat/HDT-Tester Compact 3

valid standards: ASTM D 1525 - DIN ISO 306 - ASTM D 648
BS 2782 - DIN EN ISO 75 - UNI 5641

description:

- for determination of VICAT Softening Temperature and Heat Deflection Temperature
- 3 universal measuring stations
- automatic test, PC steered
- PC **does not** belong to the scope of delivery

Capability characteristics:

- automatic recording of VICAT/HDT-temperatures
- inductive distance recorders, resolution 0,001 mm, accuracy is better than 0,01 mm
- temperature range +20...+300 °C, resolution ±0,1 K
- temperature gradient corresponding to ISO 306: 50 K/h, 120 K/h or free programmable
- Creep tests
- start temperature: free programmable
- motor operated lifting platform
- variable HDT span: 64 mm (flat) or 100 mm (edge)
- possible connection of an external refrigerator/cooling water

Including software "WIN-VICAT/HDT":

- menu and window managed user interface
- manual input of sample dimensions and calculation of weights
- data acquisition and storage in ASCII format
- permanent data presentation on screen
- graphical display of Vicat-Penetration curves and/or HDT-Bending curves versus time or temperature
- free scaling of all axis
- flexible report generator acc. to ISO 9000 ff
- user groups with password
- for WIN 95 / NT4 / 2000 / XP

technical data:

Dimensions (H x W x D):	460 x 560 x 700 mm
Weight:	approx. 70 kg without accessories
Filling amount for bath:	approx. 12 l
Mains:	230 V, 50 Hz
Power:	3000 VA



similar to the tester shown, but with only 3 measuring stations