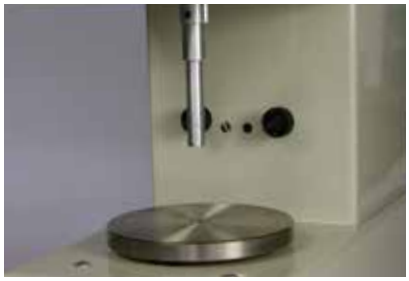
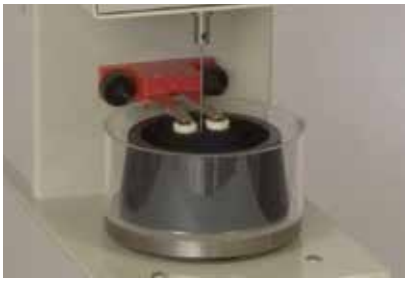
FORM+TEST PRÜFSYSTEME





Cement-, Mortar-, Screed topping-, Gypsum- and Aditive testing

BASIC

Automatic Vicat needle device

- Easy control over a weather-proof membrane keyboard with 6 control buttons.
- LCD-display for reading the test standard and residual time.
- Indication recording built in up over writing reel.

Technical features:

Fix programmable test geometries according to the standards:

- EN 196 - stiffness begin
- EN 196 - stiffness end
- EN 196 - standard shore
- EN 13279-2, EN 14496, DIN 1168-2
- EN 480

- free programmable plunge-in times: 15-99 sec.
- free programmable holding times: 15-9999 sec.

- It can be safed 20 test operations consits of: test geometrie-penetrations, plunge-in- and holding times.

Delivery range:

- Order no. B 26660: for tests on cement acc. to EN 196-3

- Order no. B 26662: for tests on cement acc. to ASTM C 191

- Order no. B 26664: for tests on building plaster acc. to EN 13279-2, EN 14496, DIN 1168-2

- Order no. B 26666: for tests on additive acc. to EN 480-2

- Order no. B 26668: for tests on cement acc. to EN 196-3 and for tests on additive acc. to EN 480-2

- Order no. 26670: automatic needle cleaner

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ECONOMIC

Automatic Vicat needle device

The automatic Vicat needle device - ECONOMIC - was developed for the standard-compliant determination of the setting behaviour of cement, gypsum and mortar.
The device enables the determination of the beginning and the end of setting as well as the determination of the entire setting process.

- tests on cement acc. to DIN EN 196-3
- EN 13279-2, ASTM C472, ASTM C191, ASTM C807, EN 480-2 by minor, conversion possible. Without tools and accessories necessary (option)
- fully automatic test sequence
- control via 5,7`` touchscreen display
- user-friendly, self-explanatory operation
- integrated tempering of the water to 20 °C
- automatic needle cleaning after each insertion
- precise, standard-compliant positioning of the test needle on the specimen surface
- needle positioning over any location on the specimen surface
- extremely high reproducibility of the measurement results
- recording of all results and test settings in a database
- display of the solidification process in individual measured values and graphical representation possible
- data transmission via serial USB interface
- extended evaluation to Excel or as PDF possible

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