

GELOMAT

EN

0-20 N

0-2 N

Fully automatic and modular digital tester for strength and hardness testing of gelatin capsules, gel-based culture media and other flexible cellular plastics.



With the digi test II Gelomat, you can measure the firmness and hardness of gelatin capsules, culture media or gelatinous substances in a reliable manner. Standardly-equipped with a 10-mm probe for the measurement of gelatin capsules, the digital hardness tester can also be optionally equipped with a measuring unit for tests on gels. Designed for the stability and target hardness of test specimens or substances, the Gelomat automatically determines the required values by pressing on the capsules.

The test specimens can be conveniently inserted through the movable measuring table and gelatin capsules can be correctly aligned with the Centrofix specimen holder. With the automatically-rotating Rotofix holder, you can position and verify several capsules in a row to save time. All measured values and information are shown on the illuminated display and can be conveniently exported via the USB interface.

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MAIN CHARACTERISTICS



TECHNICAL SPECIFICATIONS

 **Measurements** Teststand W x D x H:
200 x 250 x 570 mm

 **Measurements** Electrical unit W x D x H:
260 x 260 x 110 mm

 **Weight** Teststand 9 kg

 **Weight** Electrical unit 2,5 kg

SCOPE OF DELIVERY

Test stand

Support arm for measuring units

Electronic unit with integrated software

USB data cable

Operating manual

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ACCESSORIES



Centrofix for the positioning of individual gelatin capsules

The Centrofix can be used for the precise centering of a gelatin capsule. Rotofix is used for multiple samples.



Reference plate for 0-2 N or 0-20 N

The penetration depth of the Gelomat can be verified with the help of these reference specimens.



Rotofix for the positioning of several capsules

The rotatable Rotofix automatically positions several capsules at the same time for a measurement.



3Q Report

As part of the qualification of the Gelomat II, the results will be documented in a 3Q report.



DAkKS calibration certificate The calibration takes place according to DIN EN ISO/IEC 17025, being confirmed with a DAkKS calibration certificate.

MADE IN GERMANY SINCE 1954.

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Deutsche
Akkreditierungsstelle
D-K-15206-01-00

The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).