

Sand Test Instrument

Universal molding sand testing machine

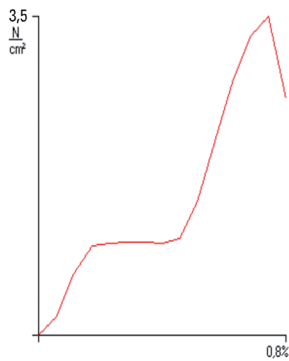


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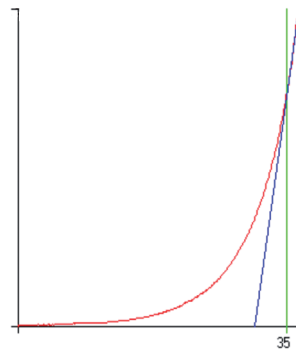
C S O N H

Sand Test Instrument

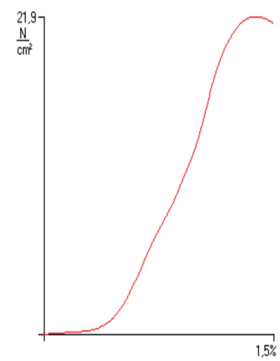
Universal molding sand testing machine



green tensile strength



compactibility



compression strength



Innovation in Moulding Material Testing

Our new sand test instrument helps you to work more accurately, to create less rejects on raw material and thus keep your costs at a minimum. At the same time, it is easy to handle and robust in construction.

One Instrument for All Tests

The comprehensive options for measurement together with a high reproducibility of your measurements and the analysis of mechanical-technological parameters reduces your work to a fraction of its original amount. Due to its all comprising functionalities, it replaces an entire sand test lab which makes it on top of that also a space saver.

Benefits and Specifications

- robust
- space-saving
- automatical testing
- adjustable / variable testing speed
- high reproducibility
- time saving
- simple / uncomplicated handling
- user friendly
- security system provided
- precise calculation of analysis results
- fast change-over at testing

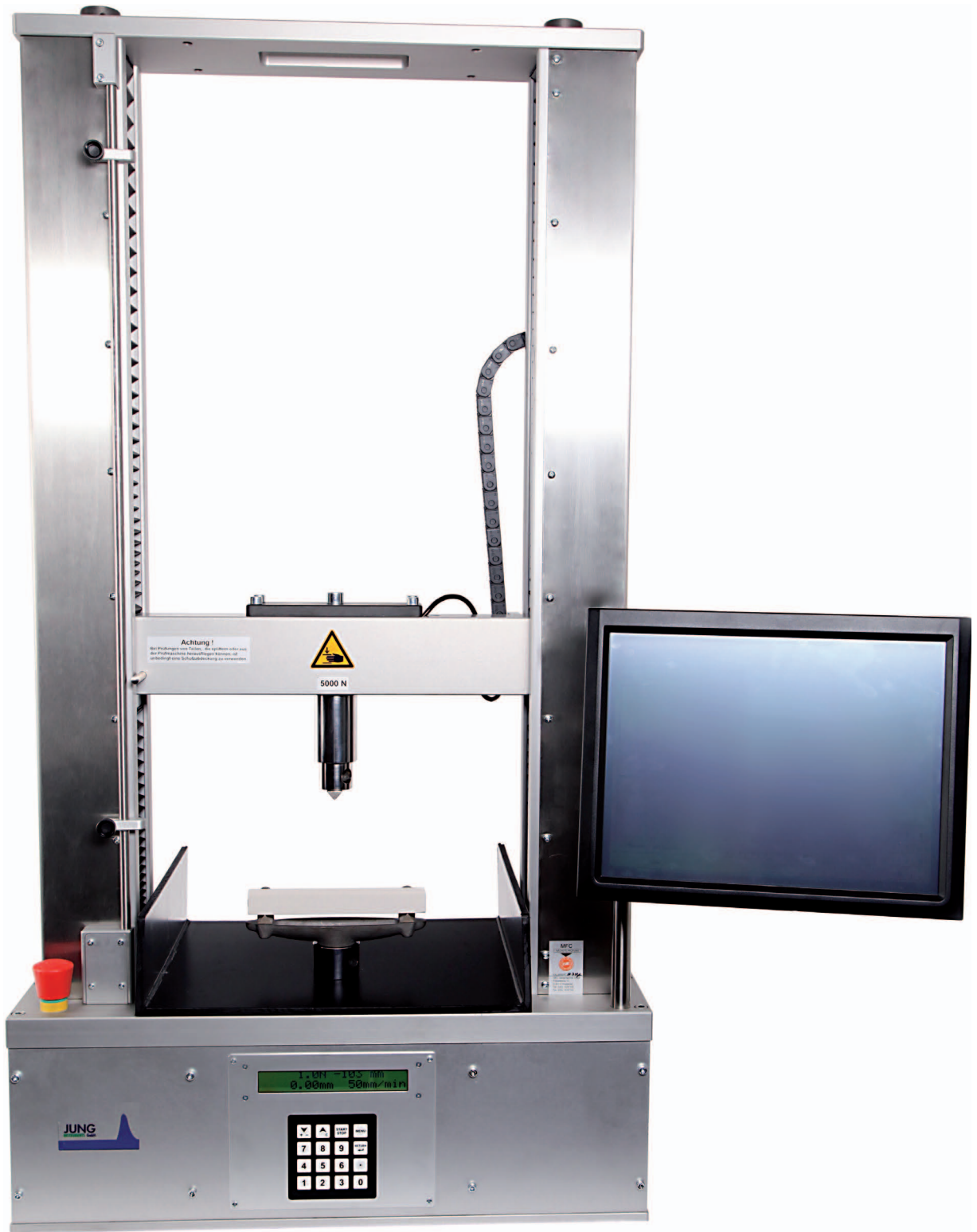
Analysis Options

- reference block constructions (forming pressure adjustable according to needs e.g. to operating parameters from the industry)
- compression strength
- splitting strength
- shear strength
- double-shear strength
- dry compression strength
- green tensile strength
- bending strength
- tension / strain curve
- compactibility
- wet tensile strength

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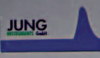


Achtung!
Bei Prüfungen von Teilen, die spröde oder aus
empfindlichen Werkstoffen bestehen, ist
entsprechend eine Schutzabdeckung zu verwenden.



5000 N

1.00 - 100 mm
0.00mm 50mm/min

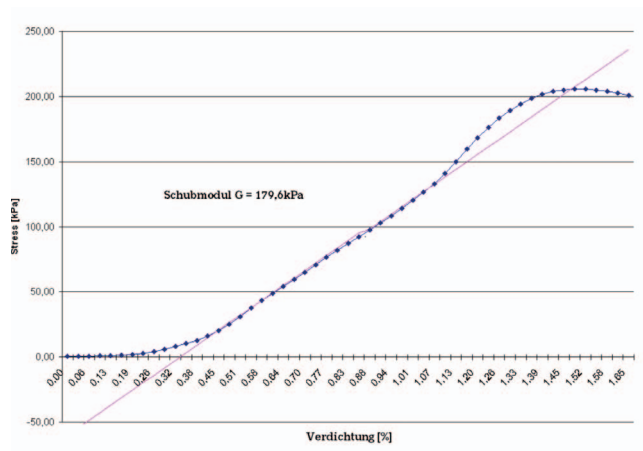
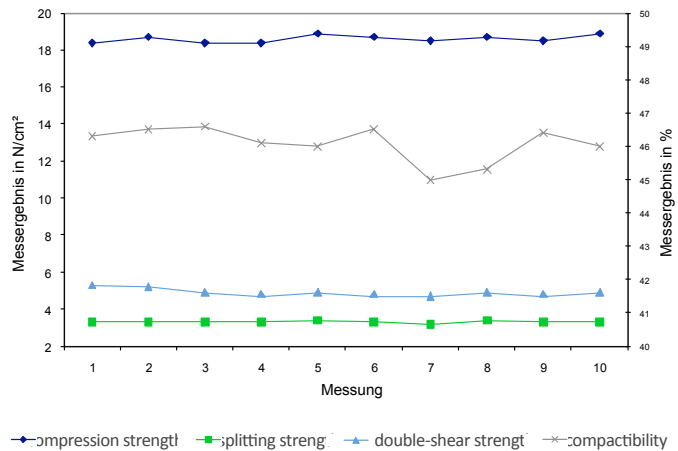


Technical Parameter

- universal testing machine with ball spindle drive
- robust suitable for industrial constructions
- testing machine designed for force up to 10 kN
- maximum test load with 5 kN
- maximum testing speed with 500 mm/min
- machine also manual controllable
- fanless Industry-PC
- handling by Touchscreen
- raw data of each measurement completely available
- Electrical supply data 230V/50 Hz

Optional

- connection of a balance to determine the Water content in molded materials
- Network
- local printer



Evaluation of mechanic technological parameters
G-module-determination, E-module-determination

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