

CERATEST 2K

STATIC AND DYNAMIC
TESTING IN A SINGLE DEVICE

TESTING OF

- BREAKING STRENGTH
- FATIGUE
- 3 - AND 4 - POINT BENDING
- BIAXIAL FLEXURE / PIN-ON-DISC
- SPECIMEN ACCORDING TO
EN ISO 6872



BASIC FEATURES

- Maintenance - free force generation system
- Powerful force generation system for static and dynamic loads
- Specimen station can be filled with liquids
- Compact and ergonomic design
- Specimen jigs according to EN ISO 6872
- Easy attachment of various specimen and antagonists

USER INTERFACE AND SOFTWARE FEATURES

- 10" graphical touchscreen
- Versatile dynamic test modes
 - Constant dynamic load
 - User adjustable staircase scenario
 - Definable test - end condition
- Flexural strength determination according to EN ISO 6872
- Static test mode
- Automated protocol generation
- Data export by USB and Ethernet

OPTIONS

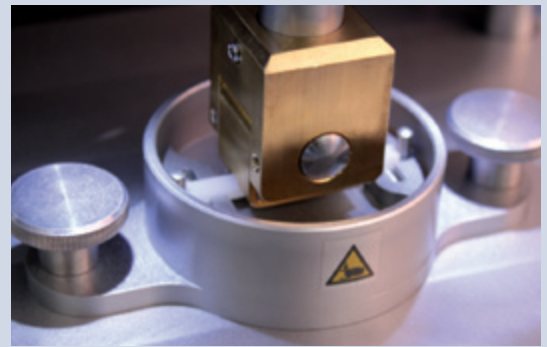
- Customized jigs and antagonists
- Customized dynamic test scenarios
- Specimen station thermocycling

TECHNICAL DATA

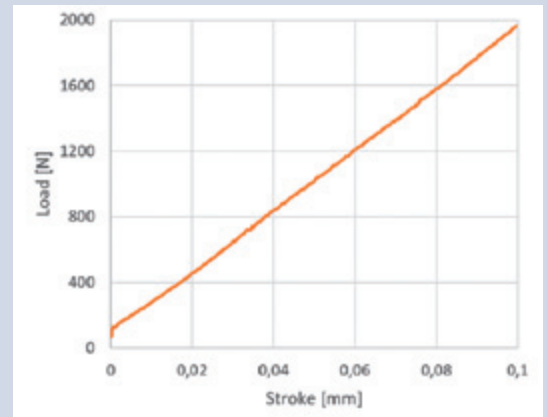
• Maximum static load	2000 N
• Peak dynamic load	1600 N
• Maximum vertical travel	0.8 mm
• Dynamic load frequency	1 - 15 Hz
• Dimensions (Width x depth x height)	360 x 300 x 580 mm
• Weight	25 kg
• Power supply	110 - 240 V~, 50/60 Hz, max. 80 W
• Max. environmental temperature	40°C



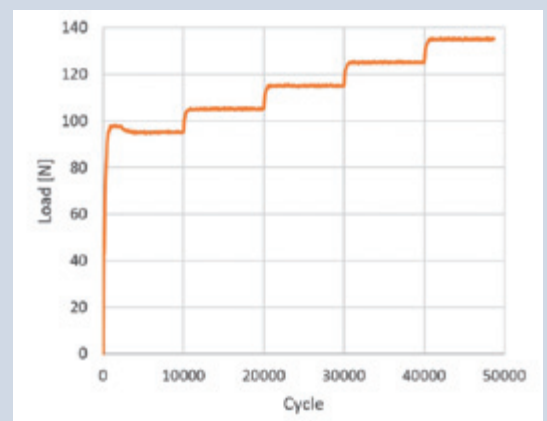
Convenient specimen height compensation



4 - point bending test



Static test



Dynamic test (staircase)



Customized specimen station

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