



KAT 005

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KAT 005

The KAT 005 (edge break-off test device) is one of our special machines that was developed for testing the edge stability of ceramic materials. The two-axis testing machine is equipped with a ball screw for vertical positioning of the crosshead, a 3D DMS (strain gauge) force transducer and a specimen traversing table. The measurement and control electronics are installed in the housing. With the touchscreen on the inclined control panel, it is ideal for laboratory use. The testing machine is equipped with a force overload switch-off, which switches off the drive on the hardware side if the maximum load of the force transducer is exceeded or on the software side if the maximum test force preset in the software is exceeded.

Scope of delivery:

- Testing machine KAT 005
- Round sample pad and clamping device
- Ready-to-use "Test & Motion Plus" software Installed
- power cord
- 3-axis precision force transducer

model	KAT 005
Nominal load	50 N
width / depth / height	350 x 630 x 720 mm
weight	ca. 55 kg
test area	250 x 240 mm (without force transducers and clamping tools)
traverse travel	360 mm
maximum travel speed	500 mm / min
resolution traverse	≤ 1 μm
measuring range	1 ... 100% of the nominal load of the respective force transducer
power supply	VA 250; 230 V / 50 Hz

