

FSKM 10

BAM FRICTION APPARATUS

The BAM Friction Apparatus FSKM 10 is designed to determine sensitivity to friction stimuli of tested substances in the wide range of frictional loads between 0.1 N and 360 N.

The FSKM 10 has a robust stainless-steel frame and it is equipped with a unique interchangeable loading arm mechanism. Thanks to that mechanism, all types of energetic materials can be tested on this single device.

APPLICATIONS

Friction between hard surfaces is one of the most frequent causes of accidental explosions. The friction sensitivity of a tested substance is determined in accordance with the standardized BAM procedure using this BAM Friction Apparatus FSKM 10.

ADVANTAGES & FEATURES

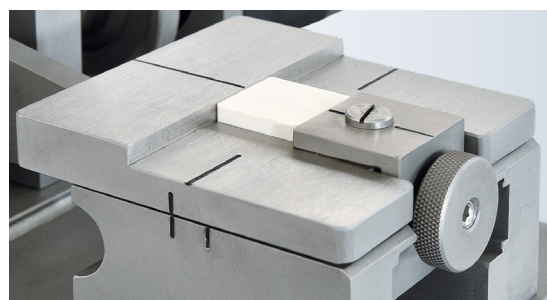
- ▶ Unique interchangeable loading arm concept
- ▶ Standard 6-position loading arm accompanied by two sets of weights generating loads between 0.5 N and 360 N
- ▶ Lightweight 3-position loading arm, specially designed for testing highly sensitive substances, accompanied by two sets of weights generating loads between 0.1 N and 98 N
- ▶ Protective shield to protect personnel against potential fragments of a porcelain plate or a peg
- ▶ Digitally controlled stepper motor for high precision movement of the porcelain plate carriage
- ▶ Working table with a stainless-steel frame covered by a conductive surface
- ▶ Variable speed of porcelain plate carriage between 20 and 300 RPM
- ▶ Safeguard
- ▶ Remote control
- ▶ Wide range of accessories
- ▶ Premium quality consumables at affordable prices

COMPLIANCE

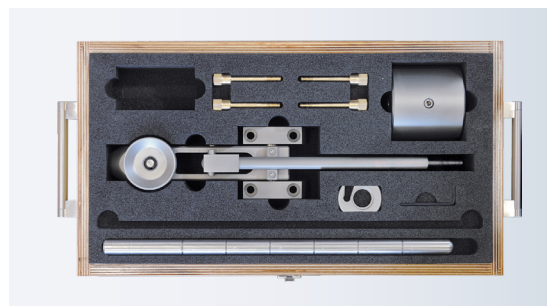
- UN Recommendation on the Transport of Dangerous Goods, Manual of Tests and Criteria, [13.4.2 Test 3(b)(i)]
- EN 13631-3:2004
- Council Regulation (EC) No 440/2008; A.14
- GB/T 21566-2008
- STANAG 4487
- AOP 7 Ed. 2, 201.02.006
- MIL-STD-1751A, Method 1024
- US ARMY TB 700-2, Section 5-3d
- EMTAP, Manual of Tests, Test No 44



FSKM 10 equipped with safeguard



Porcelain plate carriage



6-position loading arm BAM 6A (dismantled)



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