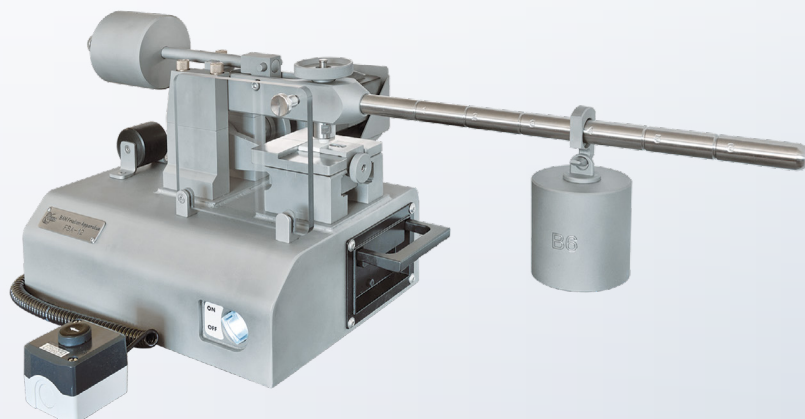


# FSA 12

## BAM FRICTION APPARATUS

FSA 12™ is a portable version of the BAM Friction Apparatus FSKM 10 which can be placed and operated on a standard laboratory working table or supplied working table with conductive surface. FSA 12 is used to determine the friction sensitivity of all types of energetic materials in accordance with BAM procedure. Due to the unique design of two interchangeable loading arms, the applicable load can vary from 0.1 N to 360 N (from 0.01 kg to 36 kg).



## 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 FSA 12.

## 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
- ▶ Hinged handles for easy transportation
- ▶ Remote control
- ▶ Wide range of accessories
- ▶ Premium quality consumables at affordable prices



Porcelain pegs and a plate

## 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



### OZM Research s.r.o.

Bliznovice 32, 538 62 Hrochuv Týnec  
CZECH REPUBLIC / European Union  
Tel.: +420 469 692 341  
Mobile: +420 608 742 777  
E-mail: [ozm@ozm.cz](mailto:ozm@ozm.cz)  
[www.ozm.cz](http://www.ozm.cz)