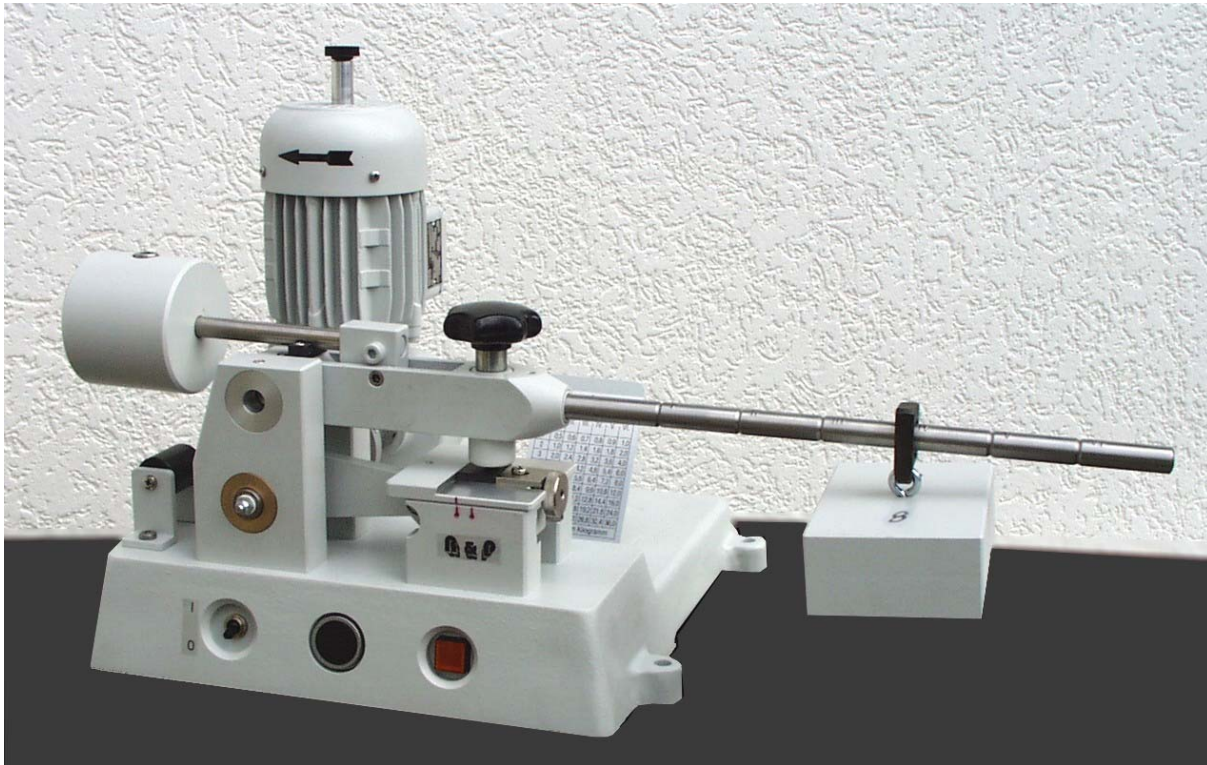


FRICTION TESTER



Introduction: Testing the response of solid, liquid or pasty substances to impact, friction and thermal stimuli is required in various standards like: EEC, Official Journal of the European Communities , as well as the UN Recommendations on the Transport of Dangerous Goods, 13.5.1 Test 3(b)(i) BAM friction apparatus.

The Friction Tester is used to determine the sensitivity to friction of solid, liquid or pasty substances according to the BAM method and above mentioned regulations.

It consists essentially of a cast steel base plate, a loading arm with notches, weights and the friction device with fixed porcelain pin and moving porcelain plate. The plate is fixed on a table that is moved once, by a motor, 10 mm to and fro. By using nine different load weights in different notches enables one to vary the loading force from 0.5 up to 36 Kg .

The porcelain plates and pins are made of pure technical porcelain, with the dimensions of 25 x 25 x 5 mm and Ø10 x 15 mm respectively.

The plates carry visible "sponge marks", the surface roughness is between 9 and 32 µm.

Technical Data:

Stroke: 10 mm;
Weight:

Speed: 141 r/min
net: 62 Kg

| | | | |
|-------------------|----------------------|----------------------|----------------------|
| Part- No. | 781-0000 | 781-0002 | 781-0004 |
| Mains connection: | 380 V / 3 Ph / 50 Hz | 220 V / 3 Ph / 60 Hz | 110 V / 1 Ph / 60 Hz |

Standard Accessories: 400 pins; 100 plates, 9 weights, 1 loading arm, 1 hook

Consumables:

781-0207 set of 400 porcelain pins 781-0206 set of 100 porcelain plates