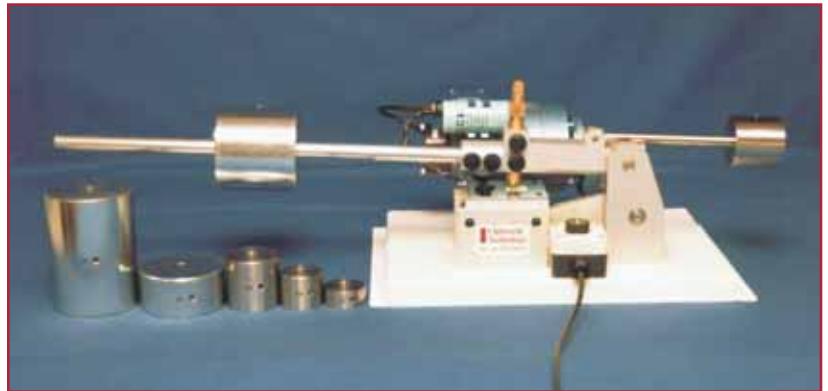


BAM Friction Apparatus



Some powders are deliberately manufactured to possess highly energetic behaviour, but occasionally it is an unexpected property of a new material. For regulatory compliance there are a number of screening tests which have to be performed on new materials in order that they can be classified and safely transported. One such screening is a BAM friction test, which measures sensitivity to sliding (rubbing) contact. The test also provides invaluable information for safe material handling and processing.

CHILWORTH TEST APPARATUS

The BAM Friction apparatus is used to test the sensitivity of solid (including paste-like and gel-type) substances to friction, and to determine if the substance is too dangerous to transport in the form tested. It also provides data for determining choice of symbol, indication of dangers and choice of risk phrases associated with new and existing products. The test apparatus complies with the UN Transport of Dangerous Goods Manual of Tests and Criteria and also to the Classification, Packaging and Labelling of Dangerous Substances in the EU Part 2- testing methods (latest editions).

The apparatus is small and compact and hence may be sited on a standard laboratory workbench.

SPECIFICATION

- Single phase 110/120v 60hz or 220/240v 50hz motor driven assembly geared down to provide the required carriage speed via a cam assembly.
- A range of load weights to cover the load range 5 Newtons to 360 Newtons as specified according to UN guidelines.
- User friendly porcelain plate location carriage.
- User friendly porcelain peg locating sleeve.
- Control switch for motor activation.
- Quick ball pein alignment of weights upon the supplied loading arm.

SUPPLIED WITH THE APPARATUS

- 1 set of 400 porcelain pegs and 100 porcelain plates.
- Comprehensive instruction manual detailing the test procedure and convenient look up tables/graphs for load selection and weight location.

BAM Friction Apparatus

THE BENEFITS

The BAM Friction apparatus is:-

- Easy to operate
- Compact and Portable
- Quick ball pein alignment of weights
- Robust
- Convenient look up tables and graphs for load selection and weight location
- Competitively priced

Testing to GLP Standard



Consultancy



Training



20 Ltr Sphere Apparatus

CHILWORTH SERVICES IN PROCESS SAFETY

As well as equipment supply we also offer a range of testing and consultancy services to the process industry, covering:-

- Dust/Gas/Vapour Explosion
- Electrostatic Hazards
- Hazardous Area Classification
- Chemical Reaction Hazards
- Chemical Process Optimisation
- Regulatory Testing (NONS, SDS, CHIP, CPL, UN)
- ATEX / DSEAR Audits
- IEC61508/11 Functional Safety & SIL Determination
- Major Hazards (Seveso II / COMAH)
- HAZOP
- Incident Investigation / Expert Witness
- Training

For further information and a comprehensive list of the services available, please contact one of our offices detailed below.

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