

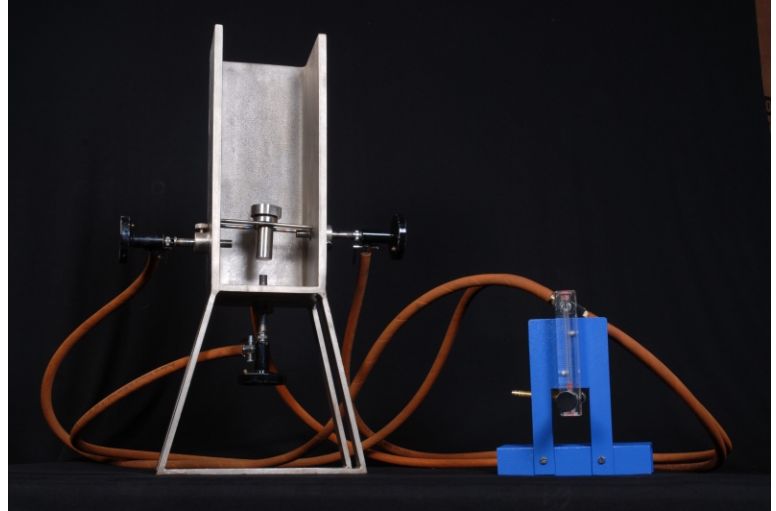


DANGEROUS CHEMICALS TRANSPORT WORTHINES TESTING SYSTEMS as per European Standards & Classifications

EXPLOSIVE PROPERTIES - BY FLAME

To study the reaction of solids and liquids to intense heating under partial confinement. Designed and manufactured to permit testing to the UN Transport of Dangerous Goods recommendations, Manual of Tests and Criteria and to the European Classification, Packaging and Labelling of Dangerous Substances in the European Union guidelines.

The complete setup consists of a mechanical Shield, Flow regulator with regulator for Propane Gas (LPG), burners, exploding tubes and tube Closing nuts with orifice plates as per spec.



Optional accessories & spares

Digital Flow control system
Spare holding nuts & orifice plates
Spare Exploding tubes
Temp. Recording system for pre test conditioning

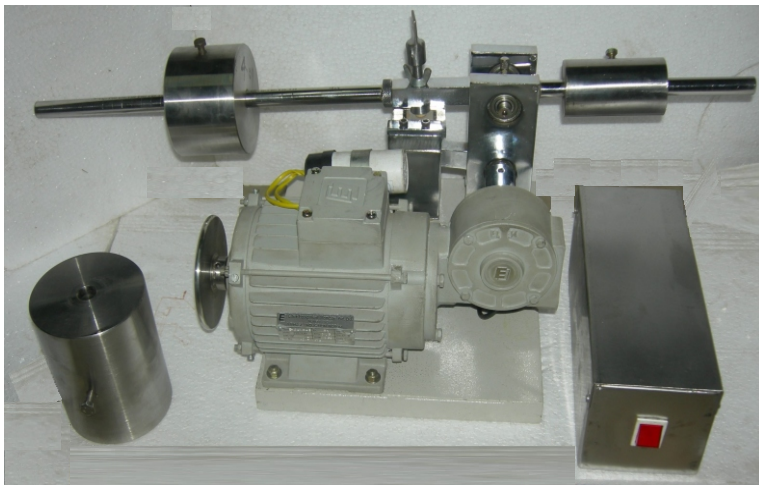
EXPLOSIVE PROPERTIES - BY FRICTION

To examine the sensitivity of solids and pastes to sliding (frictional) contact. Designed and manufactured to permit testing to the UN Transport of Dangerous Goods recommendations, Manual of Tests and Criteria and to the European Classification, Packaging and Labelling of Dangerous Substances in the European Union, testing methods.

The system consists of the main movement system with porcelain plate, peg, loading weights and counter weights

Optional Accessories & spares

Spare Porcelain peg & plate
Digital loading system with indicator
Calibration Certificates traceable to NPL



EXPLOSIVE PROPERTIES - BY SHOCK



To study the impact sensitivity of solids and liquids. Designed and manufactured to permit testing to the UN Transport of Dangerous Goods recommendations, Manual of Tests and Criteria and to the European Classification, Packaging and Labelling of Dangerous Substances in the European Union, testing methods.

The apparatus is supplied complete with a graduated guide tube, heavy base plates & blocks as per the specifications, liquid & solid sample holders, 5 Kg weight along with additional 5 Kg add on weight.

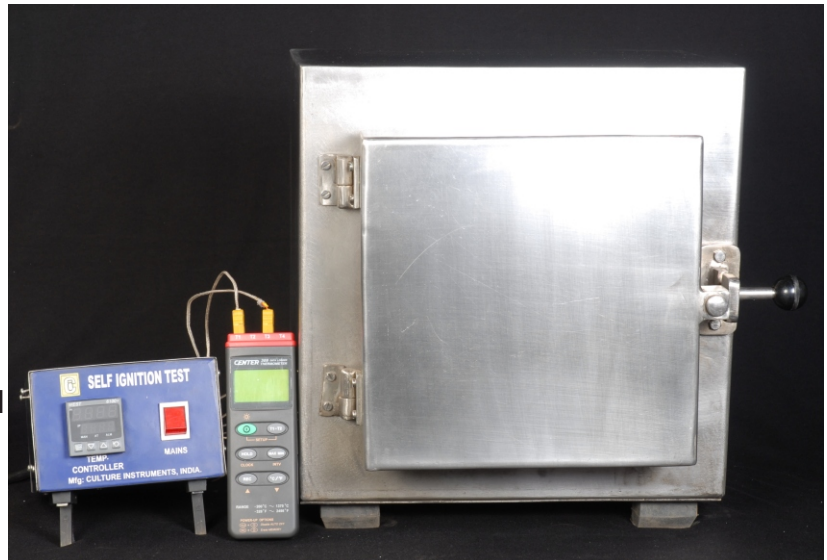
Optional Accessories & spares

Spare Tubular weights as per requirement
Calibration Certificates traceable to NPL

SELF IGNITION TEST

For the accurate study of the effect of scale on powder thermal instability. (PC Bowes, Self Heating : Evaluating and Controlling the Hazards, 1984, FRS) Can also be used for regulatory testing studies in accordance with UN test requirements and also for packaging group classification, notification and other regulatory Requirements.

Consists of an all SS oven fitted with special power saving SS heaters capable of attaining temperatures upto 400°C with programmable control module for slow heating, time vs temp. recording system with software and sample holding basket



VACUUM STABILITY TESTER



To study the chemical sensitivity and stability of solids and liquids explosive in nature. Designed and manufactured to permit testing to UN/NATO and other similar standards for Dangerous Goods and explosives. The instrument continuously monitors and records the pressure change in the tube containing the sample at set temperature.

The apparatus is supplied complete with heating block, glass assemblies, pressure sensors and recording device with pc interface.

Available with 6/12 test setup, more possible on request

Optional Accessories & spares

Spare glass assemblies

Spare pressure sensors

Calibration Certificates traceable to NPL

EXPLOSION TEMPERATURE RECORDER

Same as above but with a different block configuration and special thermal sensors with high speed data acquisition system with Pc interface to record the exact thermal change and extremities

Optional Accessories & spares

Spare temperature sensors

Calibration Certificates traceable to NPL

OTHER SPECIAL PURPOSE TESTING SYSTEMS CAN BE DESIGNED AND DEVELOPED AS PER CUSTOMERS REQUIREMENTS OR AS PER REQUIRED STANDARDS.



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