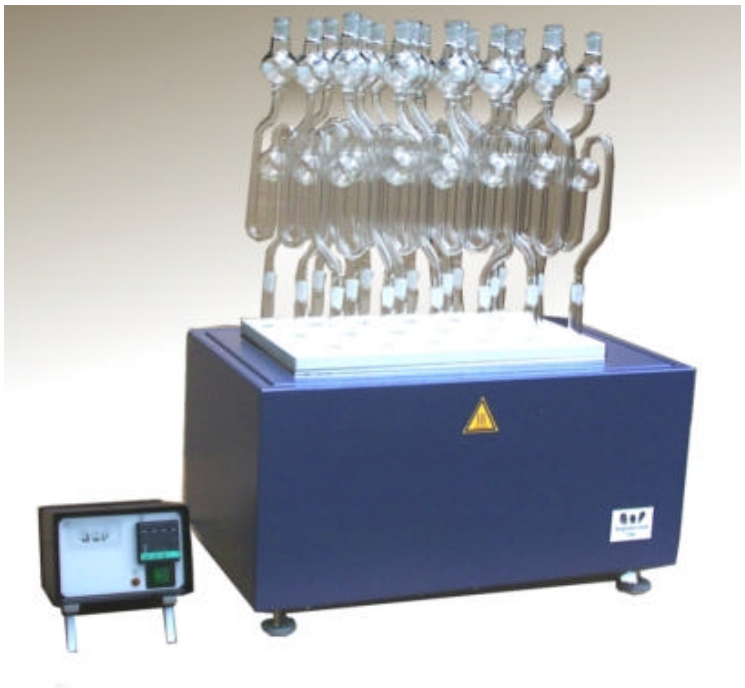
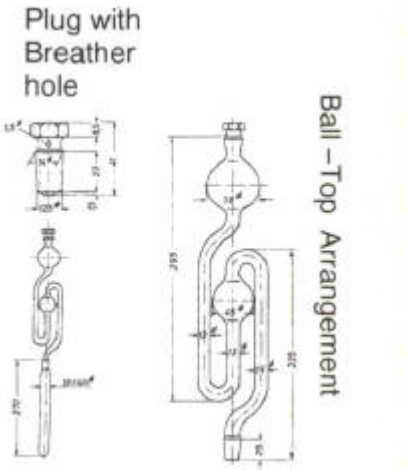
Heating Block Thermostat

Materials Testing & Laboratory Equipment

Bergmann-Junk Test

Apparatus for determining the thermal stability of nitro-cellulose and other nitrocompounds, single and double base propellants to the Bergmann-Junk Test at 120 or 130^{0}C.





The equipment is consisting of:

- Heavy aluminium heating block, electrical heated; ISO insulation plate 18 holes 20mm diam., depth 200 mmm; temperature sensor: PT 100 probe; excess temperature safety device
- Programmable heating controller (PID) in a separate control box, length os the power cable: appr. 2m; digital display for actual and set temperature; control accuracy +/-0.1^{0}C ; adjustable temperature range: 60^{0}C...140^{0}C
- Set of 18 teste tubes consisting of the cylindrical test tube with ground-in neck and ball-top arrangement; dimensions of test tubes: diam. 19.0 +/- 0.5 mm x 270 +/- 2 mm
- Special rack for handling the test tube during filling, attachment of the ball-top or intermediate storage before titration
- Special daylight lamp for better detection of nitrous vapours; special flourescent lamp providing non-dazzling illumination; solid support stand for exact positioning of the lamp

Main connections: 230 V / 50 – 60 Hz
Optional Accessory: 250 ml Tashiro indictor for a volumetric determination of the total acids separated

PRECITECH INSTRUMENTAL LTDA.

Rua Pereira de Almeida, 31 – Pça da Bandeira Cep 20260-100
Rio de Janeiro –RJ
Tel: (21) 2502-0108, 25022978, 2273-3667
Fax: (21) 2504-0868
E-mail: info@precitech.net
Home Page: www.precitech.net