

Abel-Test

Apparatus for determining the thermal stability of nitrocellulose powders and other nitro containing explosives, according to the Abel-Test ast 80°C.



The equipment is consisting of:

- Aluminium heating block electrical heated;
5 holes 17.5 +/- 0.1 mm diam., depth 70 mm
temperature sensor: PT100 probe;
excess temperature safety device
- Programmable heating controller (PID) in a separate control box,
length of the power cable: app. 2m;
digital display for actual or set temperature;
control accuracy: +/- 0.1°C;
adjustable max temperature: 140°C
- Set of 5 test tubes consisting of the cylindrical test tube with 3 ring marks;
rubber stopper with hole; glass rod with molten-in platinum hook;
dimensions of test tube: diam. 17,5 +/- 0.2 mm x 135 +/- 2 mm

Main connections: 230 V / 50 Hz

Power consumption: 300 VA