

Heating Block Thermostat



Materials Testing & Laboratory Equipment

Heat Storage Test

Apparatus for determining the thermal stability of nitro-cellulose and other nitro compounds, according to the Heat Storage Test at 100°C.



The equipment is consisting of:

- Heavy aluminium heating block, electrical heated;
21 holes 31 mm diam., depth 160 mm;
temperature sensor: PT100 probe;
excess temperature safety device
- Programmable heating controller (PID) in a separate temperature control box, length of the power cable: app. 2 m;
- Set of 21 test tubes consisting of the cylindrical test tube with ground-in neck and glass stopper; dimensions of the test tube: diam. $30^{+/- 0.3}$ mm x $200^{+/- 2}$ mm
- Special daylight lamp for better detection of nitrous vapours;
special fluorescent lamp providing non-dazzling illumination;
solid support stand for exact positioning of the lamp

Main connections: 230 V / 50 Hz 1200 W

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