

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 / 90°C.



Heating block with 21 bore holes and 21 test tubes

Heating Control Box

The equipment consists of:

- Heavy aluminium heating block, electrical heated;
21 holes 30.7 mm Ø, 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;
digital display for actual or set temperature;
control accuracy: $\pm 0.1^\circ\text{C}$; adjustable max temperature: 140°C
- Set of 21 test tubes consisting of the cylindrical test tube with ground-in neck and glass stopper; dimensions of test tube: $\text{Ø } 30^{\pm 0.3} \text{ mm} \times 200^{\pm 2} \text{ mm}$

Main connections: 230 V / 50 Hz 1200 W