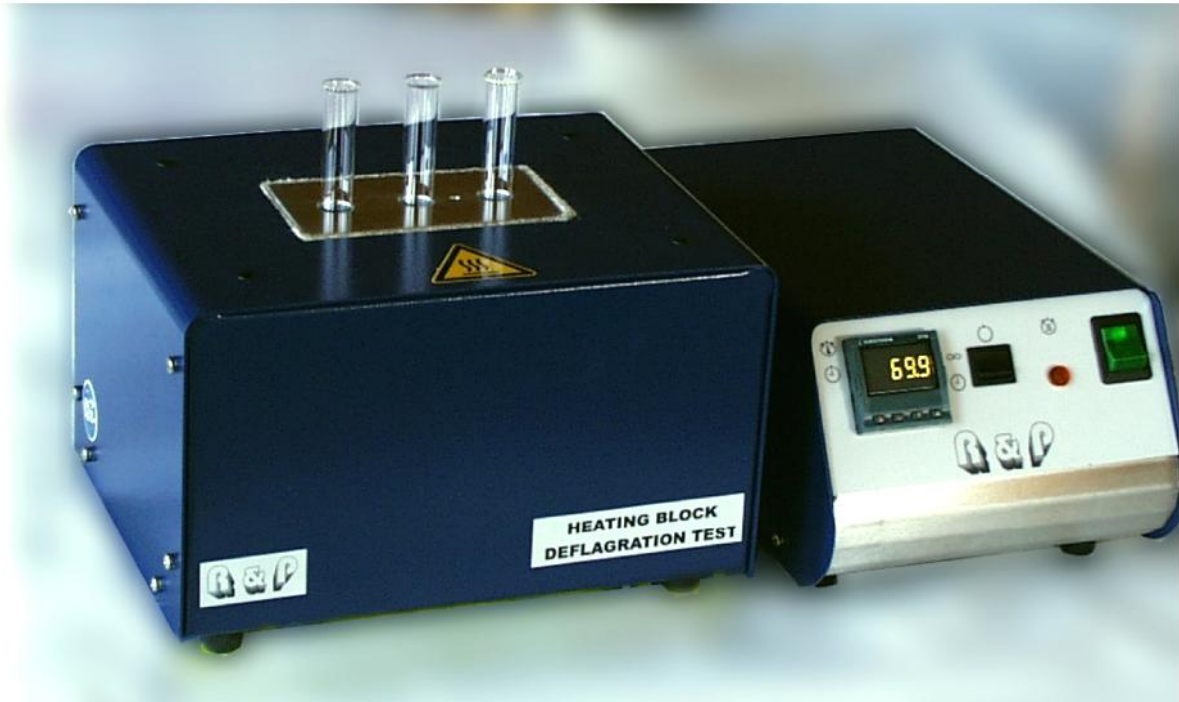


Deflagration Tester DT400

Apparatus for determining the deflagration temperature of powders and explosives.



The equipment consists of:

- Aluminium heating block according to DIN 1725, electrically heated;
3 holes 16.2 ± 0.1 mm \varnothing , depth 70 mm; (optional: 6 holes)
temperature sensor: PT100 probe;
excess temperature safety device
- Programmable heating controller (PID) in a separate control box, allowing the reading of the deflagration temperature from a safe distance;
length of the power cable: app. 2 m;
digital display for actual or set temperature; control accuracy: $\pm 0.1^\circ\text{C}$;
adjustable temperature increase: from 5K/ min to 20K/ min
max. Temperature: 400°C (optional: 500°C)
- Cooling block to accelerate cooling down of heating block after test
- 100 Test tubes: outer \varnothing 16 mm; length 130 mm

Main connections: 230 V / 50 Hz

Power consumption 1600 VA