

## Abel-Test

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



The equipment consists of:

- Aluminium heating block, electrical heated;  
5 holes  $17.5 \pm 0.1$  mm  $\varnothing$ , depth 70 mm;  
temperature sensor: PT100 probe;  
excess temperature safety device, fixed at 100°C
- Programmable heating controller (PID) in a separate 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: 85°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:  $\varnothing 17,5 \pm 0.2$  mm x  $135 \pm 2$  mm

Main connections: 230 V / 50 Hz

Power consumption: 300 VA

Subjected to alterations