Heating Block Thermostat

Materials Testing & Laboratory Equipment

Methyl-Violet-Test

Apparatus for determining the thermal stability of nitro-cellulose and other nitrocompounds, according to the Methyl-Violet-Test acc. to MIL-STD-286C at 120°C and 134,5 °C, NATO STANAG 4178 (Test 6).

The equipment consists of:

- Heavy aluminium heating block, electrical heated;
  24 holes 19 mm, depth 280 mm; ISO insulation plate;
  temperature sensor: PT100 probe;
  excess temperature safety device, fixed at 150°C
- Programmable heating controller (PID) in a separate control box,
  length of the power cable: app. 2 m;
  digital display for actual and set temperature; control accuracy: ±0.1°C;
  adjustable temperature range: RT to 135°C
- Set of 24 test tubes consisting of:
  the cylindrical test tube, cork stopper with breather hole and hook of stainless steel;
  dimensions of test tube: outer Ø18 mm; inner Ø 15mm; length 290 mm
- Set of 200 Methyl-Violet papers to detect nitrous gases

Main connections: 230 V / 50 Hz
Power consumption: 1800 VA

Reichel & Partner GmbH
Archenweyerer Weg 1 • D-76872 Steinweiler
Tel .: +49 6349 9630 981
Fax: +49 6349 9630 983