

Evaporator System



Custom made Evaporator System

Block thermostat for use in biological, medical and chemical laboratories.

At a time 10 samples evaporating simultaneously.

The samples evaporizing applied nitrogen gas with the help of needles controlled individually.

The needles line with the help of precision mechanics can be easily moved and can be fixed in any position. Heating of samples by block thermostat. Temperature range: 25 - 250 °C

Using a suitable evaporator tubes total volume of the sample (0.2-0.5-1.0 cm³) easy to set up.

Individual-made aluminum block, so the customer demands to (individual evaporator tubes) formed the unit. The structural materials acid andan organic solvent resistant. The device rugged, simple to use, easy to learn.

Types:

Multi-NSC-10-01 – Evaporator System with jack

Multi-NSC-10-02 – Evaporator System without jack

The Evaporator System Consists of:

- Individually adjustable nitrogen proportioner units with stand.
- Heating block thermostat for removable heating blocks, max. operating temperature 250°C.
- 1 heating block for 10 standard test-tubes, Ø 16 mm, slot depth 65 mm
- Jack for moving the block thermostat
- Adapter plate for use with Pasteur pipettes
- Optional gas pressure regulator with gauge

1. Block thermostat

Features:

- Two removeable aluminium blocks
- Digital temperature display (set/actual value)
- With connection for external temperature sensor (please order separately)
- Control LED for heating, set/actual value control and time
- Integrated short-time alarm (1 to 480 min), time setting in minute increments.
- Switching function of timer:
 1. Timer without influencing heater function
 2. Timer switches the heater off after the time has lapsed
- Stainless steel casing with solid Al hotplate
- For faster heating time and higher temperature precision: the block inserts can be fixed to the hotplate with a screw

Technical specifications:

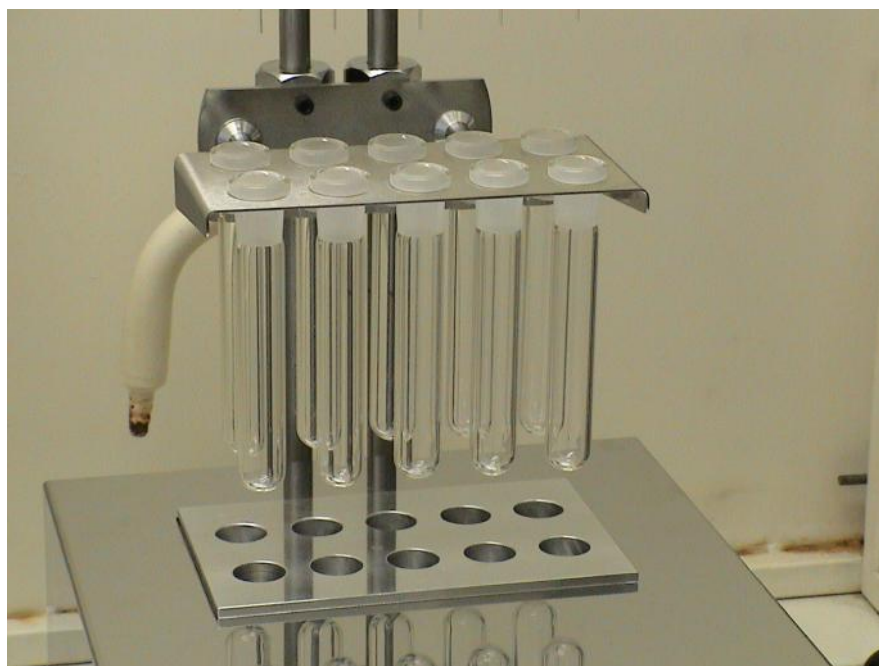
Working temperature range	+25 to +250 °C
Temperature constancy	±0.1 K
Heating times	to 100 °C approx. 15 min to 200 °C approx. 30 min
Timer signal	acoustic
Unit dimensions (W x D x H)	240 x 280 x 110 mm
Dimensions of heating blocks (W x D x H)	78 x 115 x 49 mm
Heating capacity	500 W
Voltage	230 V, 50/60 Hz



2. Jack

With compact hydraulic mechanism. Enable easy and safe lifting or lowering of goods and checking on the evaporation process

Lifting height 92 - 285 mm, movable load max. 25 kg,
Weight approx. 4.5 kg, dimension (L x W): 200 x 230 mm



3. Pasteur pipettes

Made of lime- soda clear glass. Hydrolytic class 3. Uniform. Wall thickness 0.55- 0.8 mm.
Autoclavable.

- Overall length 150 mm
- Length of tip 60 mm
- Tip outer-Ø 1,3 mm
- Pack qty. 1000 pc(s)

