



## VIS EVAPORATOR

The left figure shows the standard version of the VIS device which uses 3 heating blocks for 72 standard test tubes of 16 mm diameter.

So that one can observe the decreasing liquid level in the front block, the heater blocks are provided with longitudinal slots. For better lighting conditions provided by a fluorescent lamp. Under these conditions it is possible to concentrate the samples to a residual volume.

The nitrogen supply for the rear heating blocks can be opened at different times. The largest part of the solvent evaporates already because in this phase is not the observation of the liquid level is required.

After removal of the front block located behind the blocks are pulled forward to stop the evaporation in the final phase. Thanks to this time-saving approach allows the VLM Evaporator VIS-high sample throughput.

The heating block for standard test tubes, Microcentrifuge tubes, chromatography vials, and round-shaped flask are available.

The gas dosing unit is divided into three separate chambers and in each of them is nitrogen introduced. By means of the valve screw the flow rate for each of them can be individually adjusted up to 72 samples. Unused outlets stay closed. Instead of the stainless steel tubes the glass Pasteur pipettes can be used after attaching the adapter plate.

The thermostat is equipped with a JUMO microprocessor based controller which ensures the precise temperature control of samples and enables an excellent compensation of evaporative cooling.

Specifications subject to changes

Technical data	EVA VIS
Capacity	Up to max. 72 Samples
Working temperature	5°C > ambient temperature up to max. 100 °C
Temperature regulation	microprocessor-controller (PID)
Display	LED Display, resolution 0,1 °C
Temperature sensor	1 x Pt 100
Case	Stainless steel
Temp. constancy	± 0,1 °C
Maße L / W	540 x 475 mm
Power W	600 W

### Complete system for 72 test tubes Ø16 mm

Order no.	Type		Ø	
V.830.541.122	EVA-VIS-72	72	16,2	B