

WARMING CABINET

USAGE

The warming cabinet is especially suited for blood sampling of animals where it is important that the temperature is electronically controlled.

It is much easier to take blood samples from small animals if the body temperature has been raised.

Furthermore the animal is exposed to less stress and discomfort.

The warming cabinet can also be used for post-operative care of anaesthetized animals as it is important to keep them warm after an operation.



WARMING CABINET

STABLE TEMPERATURE

The temperature can be set between room temperature and 40°C in steps of 0.1°C. Equipped with visual and audible alarm.

To maintain a stable temperature the cabinets are adjusted by means of a unit, which continuously calculates (PID adjustment) the amount of heat required at any time.

Through the use of the PID adjustment system we are able to minimise temperature fluctuations caused by both regular and intermittent opening of the doors.

In the design of the warming cabinet the main priority has been given to maintain long-term temperature stability as close to the pre-set temperature as possible. During periods where the doors remain closed, the temperature is stable within $\pm 0.1^\circ\text{C}$.

The cabinet is well insulated and the stable temperature of the inner parts in the cabinet (i.e. shelf, cage, etc.) also helps maintaining the temperature. Thus only the air in the cage, which has been pulled out, needs to be reheated.

Before use it is necessary to heat up the cabinet. Heating the cabinet from room temperature to a stable 36°C takes up to 30 minutes.

QUALITY ASSURANCE

Each warming cabinet is tested and delivered with test report.



Large warming cabinet type 48-VS-IV

WARMING CABINET



Large raised warming cabinet type 48-VS-IV-H



Small warming cabinet type 48-VS-III

MATERIALS

48-VS-IV AND 48-VS-IV-H

Frame made of 30 x 30 mm anodized aluminium profiles. Sides and bottom are insulated and covered with an easy-to-clean anodized aluminium surface. Equipped with 4 wheels (Ø 125 mm), 2 with brake as well as 4 doors (2 doors on each side) made in transparent acrylic plastic.

48-VS-III

As described above, however, equipped with 2 doors on the front.

WASHING / CLEANING

The cabinet is a compact unit, which is easy to clean and operate. As the cabinet is equipped with electronic temperature control, it should only be cleaned with a cloth wrung in hot water and a mild disinfectant agent.

TECHNICAL SPECIFICATIONS

Power supply: 230 volt, 600 VA, 50/60 Hz.

Equipped with a central fan in the top of the cabinet. The re-circulated air is filtered through a filter (efficiency > 98.5% of particles > 0,3 µm).

Air exchange takes place through apertures around the doors (5 air changes/h).

Heating elements are distributed in the cabinet sides. The required temperature can be set between room temperature and 40°C in steps of 0.1°C. The actual temperature is shown in a digital read-out.

Visible alarm at temperature rise of 1.5°C above pre-set temperature and audible alarm at temperature rise of 3°C above pre-set temperature.

WARMING CABINET

SPECIFICATIONS

PRODUCT CODE	48-VS-IV	48-VS-IV-H	48-VS-III
Dimensions (ext.) (mm):			
Width	1030	1030	730
Depth	800	800	625
Height	960	1230	750
Dimensions (int.) (mm):			
Width	870	870	680
Depth	670	670	470
Height	570	570	470

CAGE CAPACITY			
The shelves are equipped with guides; the shelves act as cage lid. Recommended during e.g. blood sampling.			
Delivered incl. cages (standard):			
Type 1354G (IV)	4	4	-
Type 1290D (III)	-	-	4
The shelves act as conventional shelves and other types of cages can be used, e.g. during post-operative care.			
Type 2000P	4	4	1
Type 1500U	4	4	2
Type 1291H (III-H)	6	6	2
Type 1290D (III)	6	6	2
Type 1284L (II-L)	8	8	5
Type 1264C (II)	16	16	5
Type 1145T	10	10	6

FEATURES			
Number of doors	4	4	2
Number of suspension guides	4	4	4

OPTIONS			
Fold-down table	✓	✓	-
Transport handle	✓	✓	-
Removable cage insert	✓	✓	✓
Power outlet socket	✓	✓	-

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