

Оборудование для гистологии и патологии CARL ROTH

Технические характеристики

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Equipment for histology and pathology



Melting point measuring units MPM series

For measuring the melting point of powdery substances in glass capillaries.

Equipment features of all models:

- Digital temperature control
- Indirect, non-glare and anti-dazzle illumination of the substance during visual measurement using the magnifier
- Height-adjustable table tripod (360 to 460 mm)
- With USB interface
- Software makes it possible to create a measurement log in PDF format (incl. diagram with transparency progression for the MPM-HV 3 model)

Technical specifications:

Art. No.	HCE5.1
Type	MPM-H 3
Measuring range	+35 to +360 °C
Resolution	0,1 °C
Accuracy	±0,4 °C
Heat-up rate	when quick heating: to 200 °C - approx. 4 min to 350 °C - approx. 8 min when measuring: 1 °C/min
Magnification	with 3-fold magnifying glass
Width	230 mm
Depth	65 mm
Height	260 mm
Weight	6.8 kg
Mains connection	115–230 V, 50 Hz

Delivery incl. 100 melting point capillary tubes, USB cable, software and protective hood.

Semi-automatic/fully automatic multi-function unit MPM-HV 3

For testing a sample.

2 selectable measuring processes (visual or automatic). Fully automatic measurement: Set the required temperature (approx. 3 °C below the expected melting point). Once the preselected temperature is reached, a filled capillary is inserted. Measurement is terminated automatically when melting point is reached.

Semi-automatic MPM-H 3

For simultaneous testing of max. 3 samples.

Measuring process: visual by observation. Once the preselected temperature is reached, a filled capillary is inserted and a visual inspection of the capillary is performed using the magnifier. After the "Start" button is pressed again, the unit continues to heat up at a rate of 1 °C/min. As soon as the sample has melted, the value can be read on the display.

Type	Art. No.	Pack Qty.
MPM-H 3	HCE5.1	1 unit(s)

Accessories melting point capillary tubes for MPM series

Type	Art. No.	Pack Qty.
Melting point tubes, open on one side. Ext.-Ø 1,45 mm, int.-Ø 1,0 mm, length 80 mm	HCE6.1	100 unit(s)



Slide drying bench MH6616

Electrothermal.

To speed up the preparation of slides.

For up to 50 slides (76 x 26 mm). For temperatures from 10 °C above room temperature to 100 °C.

Microscope slides can be placed in various positions:

- On the storage rods
- Leaning against the filing rods
- Layed flat without the storage rods

Technical specifications:

Art. No.	YL72.1
Type	MH6616
Operating temperature	From 10 °C above room temperature to 100 °C
Heating output	150 W
W x D x H, external	390 x 180 x 95 mm
Outer height	95 mm
Weight	1.8 kg
Mains connection	230 V, 50/60 Hz

Type	Heating output (W)	Art. No.	Pack Qty.
MH6616	150	YL72.1	1 unit(s)

Equipment for histology and pathology



Paraffin stretching bath MH8517

Electrothermal.

For stretching and drying of cut tissue samples. For use in pathological, histological, chemical and bacteriological laboratories.

- For temperatures from 10 °C above room temperature to 100 °C (setting temperature from 30 to 80 °C)
- Observation and manipulation of specimens through matt black PTFE coating of the aluminium container
- With wide edge for depositing and drying the cuts
- Temperature of 45 °C is reached in approx. 40 min
- With overtemperature protection
- A bath lid is available to protect the water from contamination, please order separatel

Technical specifications:

Art. No.	YL70.1
Type	MH8517
Vol.	2.25 l
Operating temperature	From 10 °C above room temperature to 70 °C
Heating output	240 W
Accuracy	±0,5 °C
Ø Internal	220 mm
Inner height	80 mm
Ø ext.	330 mm
Outer height	140 mm
Weight	2.7 kg
Mains connection	230 V, 50/60 Hz

Type	Vol. (l)	Heating output (W)	Art. No.	Pack Qty.	
MH8517	2.25	240	YL70.1	1 unit(s)	



Tissue flotation bath Hydro H 2 P

Lauda.

For flotation and drying of sectioned tissue samples.

- For temperatures from 25 to 80 °C
- Temperature display by the control thermometer on the edge of the bath
- Temperature can be adjusted using the rotary knob with a temperature scale
- Low-water safety device
- Aluminium bath unit, anodised black

Technical specifications:

Art. No.	1A90.1
Type	H 2 P
Vol.	2 l
Operating temperature	25 to 80 °C
Heating output	300 W
Accuracy	±0,5 °C
Ø Internal	200 mm
Inner height	60 mm
Ø ext.	280 mm
Outer height	100 mm
Weight	2 kg
Mains connection	230 V, 50/60 Hz

Delivery incl. control thermometer with holder.

Type	Vol. (l)	Heating output (W)	Art. No.	Pack Qty.	
H 2 P	2	300	1A90.1	1 unit(s)	

Bath cover for the Hydro H 2 P tissue flotation bath

Lauda.

Protects against dust.

Type	Art. No.	Pack Qty.	
Bath cover for the H 2 P model flotation bath	1A91.1	1 unit(s)	

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