

MPS Embedding Centers

MPS/P1 – MPS/P2



Modular

Flexible

Easy to use

Easy to clean

DESIGN AND MANUFACTURING
MADE IN GERMANY



MPS/P1

Basic paraffin embedding center

The space saving MPS/P1 is a complete paraffin dispensing unit including a 3.8 liters paraffin container, a heated working area and a cooling spot. The ergonomically elevated heated working area is illuminated with adjustable LED light and allows comfortable processing of specimen. All functions of the unit are controlled by an intuitive control panel including programmable working hours. Two heated trays provide a pre-warming capacity of 80 cassettes and 200 embedding molds.

Highlights

- Manual lever and foot switch for paraffin dispensing
- Spacious cooling spot
- Adjustable magnifying glass
- Arm rest for optimized working ergonomics
- Spacious and heated paraffin collection tray
- 3.8 liters paraffin container
- Programmable operating times
- Easily adjustable forceps holders
- Adjustable LED-illumination
- Intuitive control panel
- Integrated heated wax trimmer:
 - Efficiently removes excess paraffin from any embedding tissue cassette
 - Paraffin is easily melted away and drains into the removable tray below
 - Physical damages (e.g. due to conventional trimming tools such as knife or razor) are consequently avoided
 - Large scale design of the trimmer area enables simultaneous paraffin trimming of multiple blocks
- Two pre-warmed areas for 80 cassettes and 200 embedding molds.
- Huge variety of electrically heated forceps (optional)



Flexible

Forceps can be freely placed in the holders with a capacity of 3 forceps each. Electrical forceps can be connected optionally.



Everything within reach

2 heated trays, for either 80 standard cassettes or 200 embedding molds are conveniently located in the back of the working area.



Standard Components

Pre-warming and dispensing module
Foot switch for paraffin dispenser
Magnifying glass, adjustable
Paraffin collection tray
Forceps holder
2 x forceps (1 x blunt, 1 x pointed)
Cleaning spatula black
Base molds 7 x 7 x 7 mm, 12 pcs., stainless steel
Base molds 24 x 24 x 7 mm, 12 pcs., stainless steel
Mains cable
Operation manual

Specifications

Temperature range	Up to 80°C programmable
Cooling spot	50 x 50 mm
Paraffin capacity	3.8 l
Heated cassette area	Up to 80 cassettes
Heated mold area (width x depth x height)	Up to 200 molds 125 x 205 x 40 mm each (Tray inserts are removable)
Dimensions (width x depth x height)	450 x 600 x 290 mm
Working area (width x depth)	450 x 240 mm
Weight without accessories	23 kg

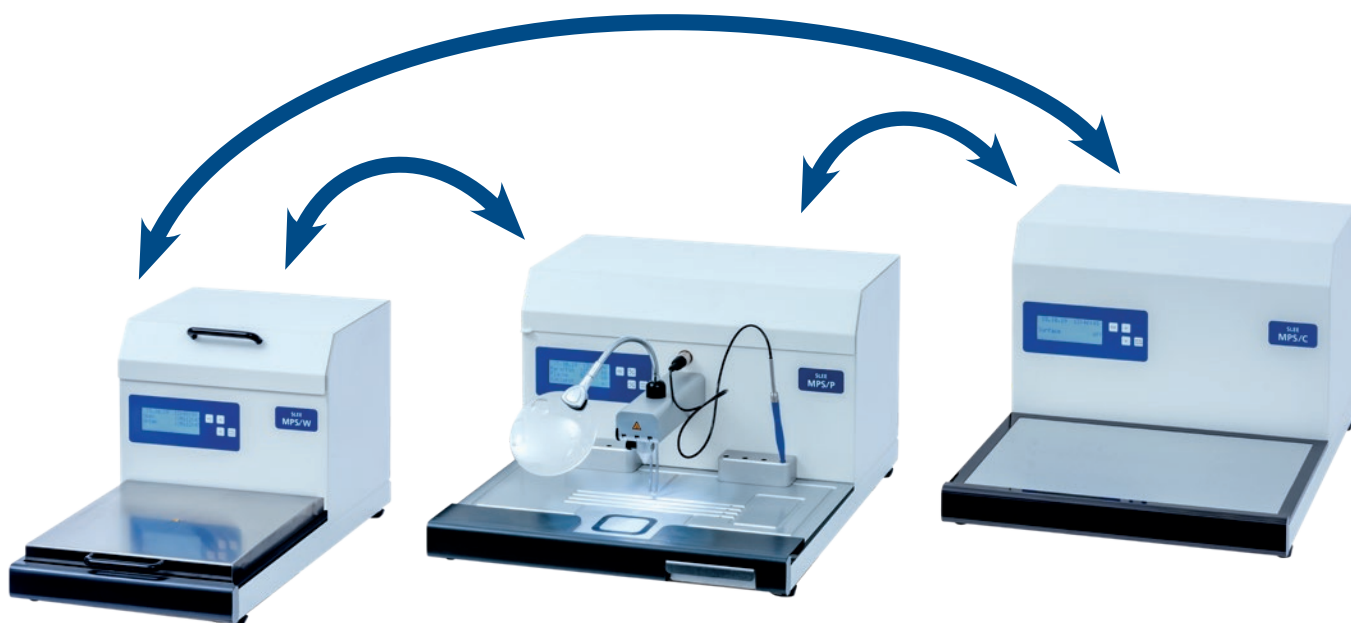
MPS/P1 220 – 240 V, 50/60 Hz
MPS/P1 115 V, 60 Hz

Art. No. #10190000
Art. No. #10192000

MPS/P2

Modular paraffin embedding center

The MPS/P2 features ease of operation, spacious working area, large paraffin container capacity. All modules operate at the same working height and can be arranged accordingly to laboratory requirements. The flexible 3-module system consists of a dispensing element MPS/P, a pre-warming module MPS/W and a separate cooling plate MPS/C or MPS/CX. The positioning of the modules can be easily adapted to the lab requirements.



Highlights

- Manual lever and foot switch for paraffin dispensing
- Spacious cooling spot
- Adjustable magnifying glass
- Arm rest for optimized working ergonomics
- Spacious and heated paraffin collection tray
- 5.5 liters paraffin container
- Programmable operating times
- Easily adjustable forceps holders
- Adjustable LED-illumination
- Intuitive control panel
- Integrated heated wax trimmer:
 - Efficiently removes excess paraffin from any embedding tissue cassette
 - Paraffin is easily melted away and drains into the removable tray below
 - Physical damages (e.g. due to conventional trimming tools such as knife or razor) are consequently avoided
 - Large scale design of the trimmer area enables simultaneous paraffin trimming of multiple blocks
- Huge variety of electrically heated forceps (optional)

Standard components

Dispensing module MPS/P
Pre-warming unit MPS/W
Cooling unit MPS/C
Foot switch for paraffin dispenser
Magnifying glass, adjustable
Paraffin collection tray
Forceps holder
2 x forceps (1 x blunt, 1 x pointed)
Cleaning spatula black
Base molds 7 x 7 x 7 mm, 12 pcs., stainless steel
Base molds 24 x 24 x 7 mm, 12 pcs., stainless steel
Mains cable
Operation manual

MPS/P2 220 – 240 V, 50/60 Hz
MPS/P2 115 V, 60 Hz

Art. No. #10185000
Art. No. #10187000



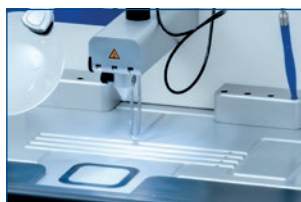
MPS/P

Dispensing module



Spacious

Large working area with integrated cold spot. The working area has a special drainage system and guides the paraffin into the heated collection tray.



Under Control

The 5.5-liter paraffin container allows constant working with the MPS/P. The perfect light and easily regulated flow keeps everything under control.



Specifications

Temperature range	Up to 80°C (paraffin container) Up to 70°C (working area) Down to -5°C (cooling spot)
Paraffin capacity	5.5 l
Cooling spot	50 x 50 mm
Forceps holders	2 x 4 adjustable (magnetic)
Illumination	3 LED spots fixed 3 LED spots adjustable
Magnifier	Included, easy to position
Paraffin flow	Activation manually or by foot switch Continuously adjustable flow rate
Control	Programming of temperature, working day, working time, time, date
Dimensions (width x depth x height)	450 x 600 x 290 mm
Working area (width x depth)	450 x 240 mm
Weight	21 kg

Accessories

Electrically heated forceps 0.5 – 4 mm (straight, curved or angled)	
Base molds (stainless steel) 7 mm x 7 mm x 7 mm (12 pcs.)	#30030050
Base molds (stainless steel) 30 mm x 24 mm x 7 mm (12 pcs.)	#30030051
Base molds (stainless steel) 15 mm x 15 mm x 7 mm (12 pcs.)	#30030052
Base molds (stainless steel) 24 mm x 24 mm x 7 mm (12 pcs.)	#30030053
Base molds (stainless steel) 37 mm x 24 mm x 7 mm (12 pcs.)	#30030054
Base molds (stainless steel) Other sizes on demand	

MPS/P 220 – 240 V, 50/60 Hz

Art. No. #10170000

MPS/P 115 V, 60 Hz

Art. No. #10172000

MPS/W

Pre-warming unit



Mold warmer

To have enough molds ready for the large working area of the MPS/P the MPS/W has a mold warmer for up to 500 molds. Temperature freely selectable up to 80°C.



Cassette area

Take common baskets (like from the MTM tissue processor) and place them directly into the cassette area.



Easy to clean

The cassette tray can be taken out for cleaning. So, disposal of paraffin is easy.



Independent

The MPS/W works independently from the MPS/P.



Specifications

Heated cassette area (width x depth x height)	Up to 150 cassettes 255 x 265 x 55 mm (Tray insert is removable)
Heated mold area (width x depth x height)	Up to 500 molds 260 x 220 x 70 mm
Temperature range	Up to 80°C (working areas)
Control	Programming of temperature, working day, working time, time, date
Dimensions (width x depth x height)	300 x 600 x 290 mm
Weight	15 kg without accessories

MPS/W 220 – 240 V, 50/60 Hz

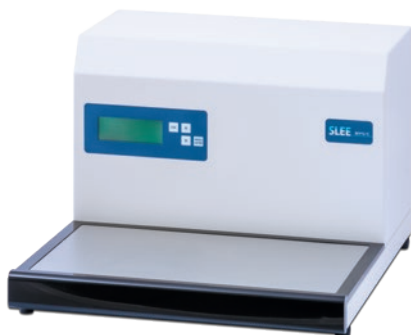
Art. No. #10180000

MPS/W 115 V, 60 Hz

Art. No. #10182000

MPS/C and MPS/CX

Cooling unit



Avoid ice

If you work in environments with high humidity the physical effect of ice formation on the cooling plate can occur. To avoid this, a transparent hood is optionally available.



Independent

With independent controls, the MPS/C or CX can be placed according to individual lab requirements.



Specifications

Temperature range	Down to -15°C
Cassette capacity	MPS/C Up to 80 cassettes MPS/CX Up to 120 cassettes
Control	Programming of temperature, working day, working time, time, date
Working area (width x depth)	MPS/C 370 x 270 mm MPS/CX 570 x 270 mm
Dimensions (width x depth x height)	MPS/C 400 x 600 x 290 mm MPS/CX 600 x 600 x 290 mm
Weight	MPS/C 25 kg MPS/CX 36 kg

Accessories

Transparent hood for cooling plate MPS/C #10175100

MPS/C 220 – 240 V, 50 Hz	Art. No. #10175000
MPS/C 115 V, 60 Hz	Art. No. #10177000
MPS/CX 220 – 240 V, 50 Hz	Art. No. #10175020
MPS/CX 115 V, 60 Hz	Art. No. #10177020

For the embedding center workplace

Stainless steel molds are available in a variety of different sizes.



Electrically heated forceps for direct connection to the MPS in different designs (straight, curved or angled) and sizes.



paratec premium
High quality paraffin in
different packages.
(1 kg, 2.5 kg, 10 kg, 20 kg)



Cooperation with distribution partners all over the globe.

Europe

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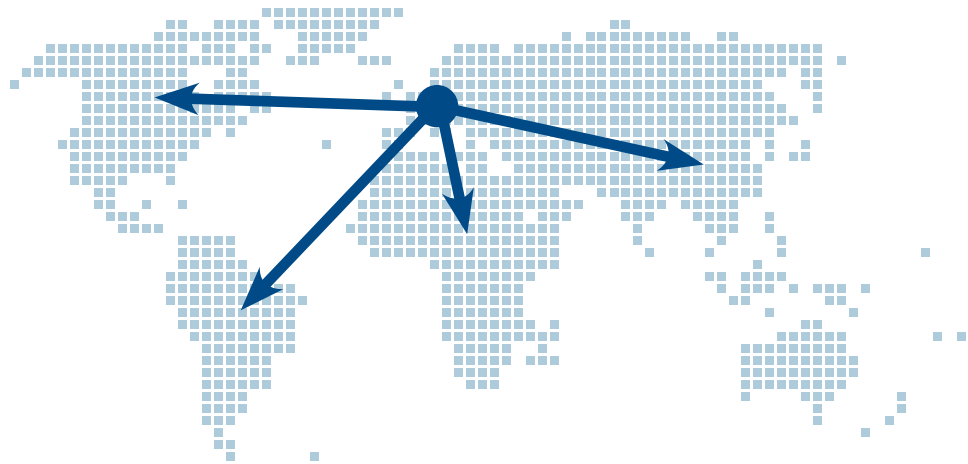
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