



slee solutions
for
pathology

EMBEDDING CENTERS

MPS P I / MPS P II

MPS P, W, C / CX

COMPACT AND MODULAR
PARAFFIN EMBEDDING CENTER,
DISPENSING MODULE,
PRE-WARMING MODULE,
COOLING MODULE

DESIGN &
MANUFACTURING
MADE IN GERMANY

MPS P I Compact paraffin embedding center

The space saving **MPS P I** is a complete paraffin dispensing unit including a 3.8 l paraffin container, two pre-warming areas for cassettes and molds, a heated working area and a cooling spot. The ergonomically elevated heated working area is illuminated by an adjustable LED light and allows comfortable embedding of specimens. The device comes with well-insulated, spacious hand rests. All functions of the device are controlled by an intuitive control panel including programmable working hours. Two heated trays provide a pre-warming capacity of 120 cassettes and 250 embedding molds each, summing up to a capacity of up to 240 cassettes or 500 embedding molds.

The paraffin flow can be activated manually or via foot switch, and has an adjustable flow rate. All under control: programming of temperature, working day, working time, time and date.

Highlights

- Manual lever and foot switch for paraffin dispensing, adjustable flow rate
- Spacious cooling spot
- Integrated magnifier, adjustable
- Insulated hand rest for optimized work ergonomics
- Spacious and heated paraffin collection tray
- 3.8 liters paraffin container
- Programmable operating times
- Easily adjustable forceps holders, magnetic
- LED illumination, adjustable
- Intuitive control panel
- Integrated heated wax trimmer, efficiently removes excess paraffin from any embedding tissue cassette
- Two pre-warmed areas for up to 240 cassettes or 500 embedding molds
- Integrated connection for a large variety of electrically heated forceps



Item No.

MPS P I 230 V, 50/60 Hz 10190000

MPS P I 115 V, 60 Hz 10192000

Standard components

Pre-warming and dispensing module

Foot switch for paraffin dispenser

Magnifier, adjustable

Paraffin collection tray

Forceps holders, 2 pcs. for 3 forceps each, magnetic

Forceps (1 x blunt, 1 x pointed)

Cleaning spatula, black

Base molds 7 x 7 x 7 mm (stainless steel, 12 pcs.)

Base molds 24 x 24 x 7 mm (stainless steel, 12 pcs.)

Mains cable

Manual

Optional accessories

Item No.

Electrically heated forceps 0.5 - 4 mm
(straight, curved or angled) on demand

Base molds see MPS P

Specifications

Temperature range up to 80 °C, programmable

Cooling spot 50 x 50 mm, min. -5 °C, fix

Paraffin container
(capacity) 3.8 l

Pre-warming area I
(w x d x h) up to 120 cassettes
removable tray 125 x 205 x 40 mm

Pre-warming area II
(w x d x h) up to 250 molds
removable tray 125 x 205 x 40 mm

Capacity pre-warming
areas in total up to 240 cassettes /
up to 500 molds

Forceps holders 2 x 3 magnetic

Electrical parameters 115 V, 60 Hz | 230 V, 50/60 Hz

Dimensions (w x d x h) 450 x 590 x 300 mm

Working area (w x d) 450 x 240 mm

Weight w/o accessories 23 kg

Flexible



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

Everything within reach



Two heated trays, for either 120 standard cassettes or 250 embedding molds are easily accessible, with a max. capacity of up to 240 cassettes or 500 embedding molds.

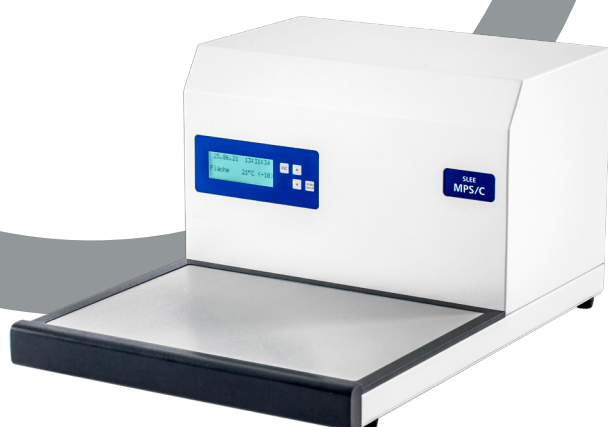
MPS P II Modular paraffin embedding center

The modular paraffin embedding center **MPS P II** 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 workflow requirements. The flexible 3-module system consists of a dispensing element **MPS P**, a pre-warming module **MPS W** and a cooling plate **MPS C** or **MPS CX**.

Highlights

- Manual lever and foot switch for paraffin dispensing
- Spacious cooling spot
- Magnifier, adjustable
- Insulated hand rest for optimized work ergonomics
- Spacious and heated paraffin collection tray
- Paraffin container, volume 5.5 liters
- Programmable operating times
- Magnetic forceps holders, easily adjustable
- LED-illumination, adjustable
- Intuitive control panel
- Integrated heated wax trimmer, efficiently removes excess paraffin from any embedding tissue cassette
- Integrated connection for a large variety of electrically heated forceps





Item No.

MPS P II 230 V, 50/60 Hz

10185000

MPS P II 115 V, 60 Hz

10187000

Standard components

Dispensing module MPS P

Pre-warming module MPS W

Cooling module MPS C for 80 cassettes

Foot switch for paraffin dispenser

Magnifier, adjustable

Paraffin collection tray

Forceps holder

Forceps (1 x blunt, 1 x pointed)

Cleaning spatula, black

Base molds 7 x 7 x 7 mm (stainless steel, 12 pcs.)

Base molds 24 x 24 x 7 mm (stainless steel, 12 pcs.)

Mains cable

Manual

MPS P

Dispensing module



MPS P

Optional accessories	Item No.
Electrically heated forceps 0.5 - 4 mm (straight, curved or angled)	on demand
Base molds (stainless steel, 12 pcs.) 7 x 7 x 7 mm	30030050
Base molds (stainless steel, 12 pcs.) 30 x 24 x 7 mm	30030051
Base molds (stainless steel, 12 pcs.) 15 x 15 x 7 mm	30030052
Base molds (stainless steel, 12 pcs.) 24 x 24 x 7 mm	30030053
Base molds (stainless steel, 12 pcs.) 37 x 24 x 7 mm	30030054
Base molds (stainless steel) Further sizes	on demand

High throughput

Large working area with integrated cooling spot. The working area has a special drainage system and guides excess paraffin into the extractable collection tray. The surface remains clean. This makes working and cleaning much easier.



	Item No.
MPS P 230 V, 50/60 Hz	10170000
MPS P 115 V, 60 Hz	10172000

Specifications

Temperature range	up to 80 °C (paraffin container), up to 80 °C (working area), programmable
Paraffin capacity	5.5 l
Cooling spot	50 x 50 mm, min. -5 °C, fix
Forceps holders	2 x 4 adjustable (magnetic)
Illumination	3 LED spots, fixed 3 LED spots, adjustable
Magnifier	included, adjustable
Paraffin flow	activation manually or via foot switch, adjustable flow rate
Control	programming of temperature, working day, working time, time and date
Electrical parameters	115 V, 60 Hz 230 V, 50/60 Hz
Dimensions (w x d x h)	450 x 590 x 300 mm
Working area (w x d)	450 x 240 mm
Weight	18 kg

Perfect workflow

The large-volume 5.5 l paraffin container allows a constant workflow. With perfectly adjusted light and easy to regulate flow, you will achieve excellent work results.



MPS W

Pre-warming module



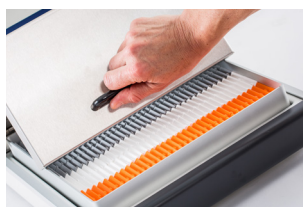
MPS W

Pre-warming for molds



To have enough molds ready, the MPS W has a mold warmer for up to 500 molds. Temperature freely selectable up to 80 °C.

Pre-warming for cassettes



Take common baskets (like from the MTM tissue processor) and place them directly into the cassette area. The MPS W has a retractable lid for easy filling and operation.

Easy to clean



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

Item No.

MPS W 230 V, 50/60 Hz

10180000

MPS W 115 V, 60 Hz

10182000

Specifications

Heated cassette area

(w x d x h)

up to 320 cassettes

removable tray

255 x 265 x 55 mm

Heated mold area

(w x d x h)

up to 500 molds

260 x 220 x 70 mm

Temperature range

up to 80 °C (working areas)

programming of
temperature, working day,
working time,
time and date

Control

Electrical parameters

115 V, 60 Hz | 230 V, 50/60 Hz

Dimensions (w x d x h)

300 x 590 x 300 mm

Weight w/o accessories

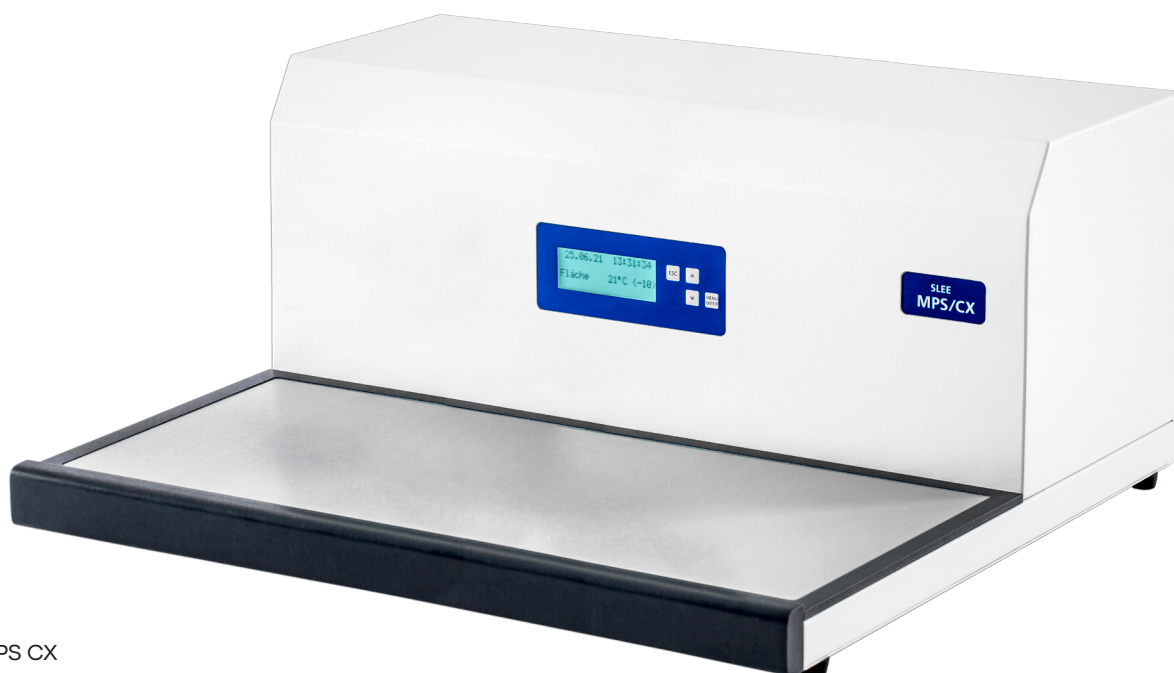
15 kg

MPS C / CX

Cooling module



MPS C



MPS CX

	Item No.
MPS C 230 V, 50/60 Hz	10175000
MPS C 115 V, 60 Hz	10177000

Specifications MPS C

Temperature range	down to -15 °C
Capacity*	approx 80 cassettes, 250 molds
Control	programming of temperature, working day, working time, time and date
Dimensions (w x d x h)	400 x 590 x 300 mm
Cooling area (w x d)	370 x 270 mm
Electrical parameters	115 V, 60 Hz 230 V, 50/60 Hz
Weight	26 kg

Optional accessories

	Item No.
Transparent hood for cooling area MPS C	10175100

Avoid icing



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

	Item No.
MPS CX 230 V, 50/60 Hz	10175020
MPS CX 115 V, 60 Hz	10177020

Specifications MPS CX

Temperature range	down to -15 °C
Capacity*	approx. 120 cassettes, 375 molds
Control	programming of temperature, working day, working time, time and date
Dimensions (w x d x h)	600 x 590 x 300 mm
Cooling area (w x d)	570 x 270 mm
Electrical parameters	115 V, 60 Hz 230 V, 50/60 Hz
Weight	35 kg

Optional accessories

	Item No.
Transparent hood for cooling area MPS CX	on demand

Independent



With individual controls of temperature and working hours the MPS C and MPS CX are perfectly suited to be set up next to a microtome or an embedding station.

*Capacity MPS C for Sakura cassettes (40 x 25 x 10 mm) 84 - 90 pcs., Engelbrecht Super Mega Cassettes (53.8 x 75 x 18 mm) 16 - 18 pcs., capacity MPS CX for Sakura cassettes 132 - 140 pcs., Engelbrecht Super Mega Cassettes 28 - 30 pcs. All other quantities refer to standard cassettes and molds.



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