

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

EXCLUSIVE TO SOLMEDIA LTD IN THE UK

DESIGN &
MANUFACTURING
MADE IN GERMANY

Embedding centers

Slee offers two ergonomic embedding centers for an optimized workflow in smaller and routine laboratories. **MPS P I** is a compact paraffin embedding center for low to medium throughput, **MPS P II** is a modular system for high-throughput routine applications.



MPS P I

Compact paraffin embedding center

MPS P II

Modular paraffin embedding center for high throughput

MPS P I Compact paraffin embedding center

The space saving **MPS P I** 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 by an adjustable LED light and allows comfortable processing of specimens. 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.

Highlights

- Manual lever and foot switch for paraffin dispensing
- Spacious cooling spot
- Integrated magnifier, adjustable
- Armrest 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
 - 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 up to 120 cassettes and 250 embedding molds
- Large variety of electrically heated forceps (optional)



Standard components

Pre-warming and dispensing module

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

Specifications

Temperature range up to 80°C programmable

Cooling spot 50 x 50 mm

Paraffin container
(capacity) 3.8 l

Pre-warmed area for
cassettes (W x D x H) up to 120 cassettes
removable tray 125 x 205 x 40 mm

Pre-warmed area for
base molds (W x D x H) up to 250 molds
removable tray 125 x 205 x 40 mm

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

Dimensions (W x D x H) 450 x 570 x 295 mm

Working area (W x D) 450 x 240 mm

Weight w/o accessories 22 kg

Flexibel

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 and 250 embedding molds are easily accessible in the rear of the working area.



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 laboratory 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
- Arm rest for optimized working 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
 - 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
- Large variety of electrically heated forceps (optional)



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 120 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

Specifications

	up to 80 °C (paraffin container) up to 80 °C (working area) down to -5 °C (cooling spot)
Temperature range	
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, 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 600 x 290 mm
Working area (W x D)	450 x 240 mm
Weight	18 kg

High throughput

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



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)
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)	300 x 600 x 290 mm
Weight w/o accessories	15 kg

MPS C / CX

Cooling module



MPS C



MPS CX

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

Specifications MPS C

Temperature range	down to -15 °C
Cassette capacity	up to 80 cassettes
Control	programming of temperature, working day, working time, time and date
Dimensions (W x D x H)	400 x 600 x 290 mm
Cooling area (W x D)	370 x 270 mm
Electrical parameters	115 V, 60 Hz 230 V, 50 Hz
Weight	26 kg

Optional accessories

	Item No.
Transparent hood for cooling area MPS C	10175100

Avoid ice

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 Hz	10175020
MPS CX 115 V, 60 Hz	10177020

Specifications MPS CX

Temperature range	down to -15 °C
Cassette capacity	up to 120 cassettes
Control	programming of temperature, working day, working time, time and date
Dimensions (W x D x H)	600 x 600 x 290 mm
Cooling area (W x D)	570 x 270 mm
Electrical parameters	115 V, 60 Hz 230 V, 50 Hz
Weight	35 kg

Optional accessories

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

Independent

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





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