

Technical data

EC 500-2: DISPENSING CONSOLE

SIZE (W - D - H)

Console	345 x 641 x 405 mm
Heated area	340 x 253 mm

WEIGHT	20,5 Kg
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ADJUSTABLE TEMPERATURE RANGE

Paraffin reservoir	40-70 °C
Heated area/Forceps wells	40-70 °C
Electrically heated tweezers	60-75 °C

PARAFFIN RESERVOIR CAPACITY	5 l
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COLD SPOT TEMPERATURE	5 °C
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ACCESSORIES

Magnifier, Electrically heated tweezers (1 / 2 / 4 mm)



EC 500-3: THERMAL CONSOLE

SIZE (W - D - H)

Console	340 x 623 x 395 mm
Cassette storage	269 x 510 x 88 mm

Removable trays	262 x 175 x 55 mm
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Mold storage	275 x 170 x 180 mm
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WEIGHT	16 kg
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ADJUSTABLE TEMPERATURE RANGE (VIA DISPENSING CONSOLE)

Cassette storage	40-70°C
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Mold storage	40-70°C
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POWER REQUIREMENTS DISPENSING AND THERMAL CONSOLE

EC 500-2	100-120VAC	50/60Hz	5,2A
EC 500-2 + EC 500-3	100-120VAC	50/60Hz	8,6A
EC 500-2	220-240VAC	50/60Hz	2,65A
EC 500-2 + EC 500-3	220-240VAC	50/60Hz	4,4A



EC 500-1: CRYO CONSOLE

SIZE (W - D - H)

Console	335 x 623 x 395 mm
Cold plate	375 x 307 mm

WEIGHT	24,5 kg
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ADJUSTABLE TEMPERATURE RANGE	from 0 to -12 °C
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POWER REQUIREMENTS

EC 500-1	100VAC	50/60Hz	2,4A
EC 500-1	110-120VAC	50/60Hz	3,3A
EC 500-1	220-240VAC	50/60Hz	2,3A

ACCESSORIES	Methacrylate cover
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EC-500

Functional and versatile design
for a user-friendly operation

MODULAR TISSUE EMBEDDING CENTER
EC-500

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MODULAR TISSUE EMBEDDING CENTER

EC-500

All elements in the modular paraffin embedding center are designed to achieve maximum efficiency and operator comfort.



ERGONOMIC DESIGN MEETS INTELLIGENT ILLUMINATION

The heated work surfaces are thermally insulated for user safety and ergonomically shaped to support comfort during extended use.

The generously sized working area is fully heated and features non-glare white LED lighting with adjustable intensity for optimal visibility.

The paraffin dispenser paddle is adjustable to accommodate both Mega and Super Mega cassettes. A built-in wax trimmer ensures smooth operation.

Urgent biopsies can be embedded at any time—even while in standby mode—for maximum responsiveness.



INTUITIVE CONTROLS FOR SEAMLESS WORKFLOW

A clear, user-friendly keyboard allows for effortless programming and precise setup of all working parameters.

An integrated energy-saving function uses a smart timer system that automatically powers the unit on and off based on personalized preheating schedules—saving both time and energy.



MAXIMUM STORAGE. MINIMAL WASTE.

Two high-capacity, independently heated compartments provide convenient storage for molds and cassettes.

The 5-liter paraffin reservoir ensures uninterrupted operation, even during peak laboratory activity. Excess paraffin is automatically directed into easily accessible front waste drawers, designed for quick and hygienic emptying.



CRYO CONSOLE EC 500-1

- Large cooling surface for up to 80 cassettes / 60 moulds.
- Selectable temperature between 0 and -12° C.
- Even temperature distribution over the entire surface.
- Allow placement on the right or left side of the dispensing console.
- Stand-alone operation possible.
- Methacrylate cover to prevent building up of frost.

THERMAL CONSOLE EC 500-3

- Accepts baskets from the most common tissue processor of the market.
- High capacity cassette storage, incorporating two removable trays with capacity for two baskets (200 cassettes) or 3 baskets (300 cassettes) without trays.
- High profile cover for cassette storage.
- Up to 400 mold storage capacity.
- Operation only possible if connected to the embedding console.

DISPENSING CONSOLE EC 500-2

- 5 liter paraffin reservoir.
- Knob to adjust paraffin flow.
- Paraffin flow can be released manually (touch plate) or via footswitch.
- Adjustable paraffin dispenser paddle to accommodate Mega and Super Mega cassettes.
- Eight heated wells for forceps.
- Adjustable white LED illumination.
- Two built in paraffin trimmer.
- Cold spot integrated into the working surface.
- Two front drawers for surplus paraffin collection and easy removal.
- Integrated connector for electrically heated tweezers.

ACCESSORIES

- 1, 2 or 4 mm heated tweezers.
- Magnifying glass.

