

Modular Tissue Embedding Center
EC 350
for paraffin blocks



Modular Tissue Embedding Center **EC 350** for paraffin blocks

The **Myr EC 350** is a modular paraffin embedding center featuring innovative design as well as easy operation. Multiple configurations of instrument set-up offer a simple and flexible adaptation to the working methods in the respective lab.

Dispensing console EC 350-1: easy to use operating panel

The dispensing module incorporates two large trays on either side of wax dispenser, used for the storage of cassettes and moulds and which can be heated independently of one another.

The operating panel allows for an easy programming of the working times and temperatures. The temperatures for the cryo console are also determined via this operating panel. It also can be controlled via an integrated potentiometer.

An illuminated, two-line display with adjustable contrast informs on the current temperatures and timing alongside the date (five different languages are available, temperature can be set in either Celsius or Fahrenheit).

Spacious working area for fast specimen processing

The spacious, heated working area incorporates a non-glare white LED illumination and optionally, a swiveling large field magnifier allow fast, ergonomic operation. The paraffin flow from the dispenser can be released manually as well as via footswitch, with the flow rate set continuously if required.

A cooling spot, which is integrated into the working surface, close to the paraffin nozzle offers a lean workflow with short movements, and also offers a simple and fast specimen orientation while processing. Six independently heated wells for forceps accommodate cable-free standard forceps. Optional electrically heated forceps are available.

Energy saving automatic timer operation

The automatic timer saves energy through automatic turning on and off via a calculation of the individual pre-heating times. The user only need program the desired operating times, with everything else done by the instrument itself.

In doing so, weekends and, if necessary, holidays are automatically exempt from the automatic turning on, to optimize the durability of the stored paraffin.

Ergonomically designed working surface

The heated working surfaces are sloped towards the operator and ergonomically shaped to improve user comfort. Surplus paraffin is guided into waste drawers via two channels. These drawers are accessible from the front and easily emptied.

Spacious paraffin reservoir for continuous operation

The paraffin reservoir has a capacity of 5 liters to guarantee continuous operation during busy periods.

Cryo console EC 350-2

The cryo console EC 350-2, can be placed on either the left or right side of the dispensing console, depending on the working method of the laboratory.

Optional methacrylate cover to prevent the building up of frost.

Large cooling surface and strong performance

The cryo console EC 350-2 has a large cooling surface that accommodates 80 cassettes/ 60 moulds. The temperature can be set down to -12 °C and offers an even temperature distribution over the entire surface.

Cold plate can operate connected to the dispensing unit or as a standalone instrument.



Cryo module can be arranged to the left or right of the dispensing console



Capacity up to 5 l



Clear arrangement of the buttons and easy to read two-line display



Dispensing area incorporating touch plate, cold spot, lighting and wells for forceps



Removable trays for storage of cassettes and molds. Surplus paraffin is drained into removable waste drawers



In anatomical pathology, tissue embedding is a decisive factor. MYR has been offering for more than 30 years a broad range of histology equipment to perform the processing, the embedding, the sectioning and the staining of tissues. Many laboratories are already benefitting from the proven technology, the high reliability and the professional approach of a dedicated team. We meet your requirements. Because we are devoted to Histology.

Technical Data Embedding Center EC 350

Dispensing Console EC 350-1

Dimensions (w x d x h)

Console 595 x 650 x 430 mm

Removable Trays 262 x 175 x 55 mm

Weight 27,8 kg

Capacity

Paraffin reservoir 5 l

Left/Right chamber 1,7 l

190 cassettes

400 moulds

Power Requirements version 1 version 2

Nominal voltage 100-120 V 220-240 V

Networks frequency 50/60 Hz

Power Consumption 7,5 A 3,6 A

Temperature settings

Paraffin reservoir, left/right chamber, heated area, forceps receptacle from 40°C to 70°C

Electrically heated forceps from 60°C to 75°C (optional)



Cryo Console EC 350-2

Dimensions (w x d x h)

Console 340 x 620 x 405 mm

Cold plate 375 x 307 mm

Weight 24,4 kg

Capacity up to 80 cassettes / 60 moulds

Power Requirements version 1 version 2 version 3

Nominal voltage 100 V 110 - 120 V 220 - 240 V

Networks frequency 50/60 Hz

Power Consumption 2,4 A 3,0 A 1,2 A

Temperature settings

Cold plate from 0°C to -12 °C

Options

Electrically heated forceps 3 available models:
1mm - 2 mm - 4mm tip

Methacrylate cover for cryo console

Magnifying glass

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