Features/Technical data

EC 350 - Modular tissue embedding center

Features

- Individual programming of all temperatures
- Automatic turning on/off with automatic consideration of the pre-heating times
- Independent operation of the units is possible
- Paraffin reservoir: 5 l
- Illuminated working area
- Paraffin flow can be released manually or via foot switch
- Flow rate can be set continuously
- Spacious cooling surface
- Cooling unit can be controlled to -15°C

Technical data

Dispensing console EC 350-1

- Capacity:
  Paraffin reservoir: 5 l
  Left/right tray: 1,7 l
  Measurements of the trays:
  176 x 262 x 55 mm (w/d/h)

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Thermo SCIENTIFIC

EC 350 – Modular tissue embedding center for producing paraffin blocks

The MICROM EC 350 is a modular paraffin embedding center featuring innovative design as well as easy operation. Different possibilities of setting up this instrument offer a simple and flexible adaptation to the working methods in the respective lab. The cryo console can be placed either on the right or left side of the dispensing console.

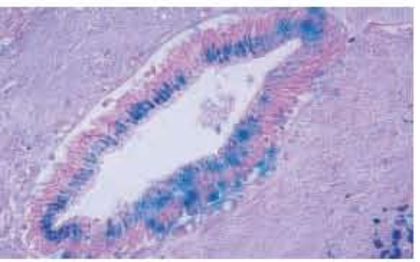
Dispensing console EC 350-1

Easy operation by perfect ergonomy

The ergonomical arrangement of two large trays, which can be heated independently of each other, for the storage of cassettes and molds allow a flexible working method.

A clearly and logically arranged 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 the integrated timer. An illuminated, two-line display with adjustable contrast informs on the current temperatures as well as current time and date (five different languages can be selected, temperature indication optionally in °Celsius or °Fahrenheit).



Saving energy by automatic timer operation

The automatic timer allows energy-saving operation by automatic turning on and off via automatic calculation of the individual pre-heating times. The user only programs the desired operating times, everything else is 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.

Non-tiring working by improved operating comfort

The heated working surfaces are thermically insulated towards the operator and ergonomically shaped. Surplus paraffin is guided into waste drawers via two channels. These drawers are easily accessible from the front side and can easily be emptied.

Spacious paraffin reservoir for continuous operation

The paraffin reservoir has a capacity of 5 liters to guarantee continuous operation even at a high specimen capacity.

*Accessories not included

Ergonomical working area for fast specimen processing

A spacious, heated working area with a non-glare illumination and a swivelling large field magnifier allows fast, ergonomic operation. The paraffin flow can be released manually as well as via a foot switch.

Cryo console EC 350-2

The cryo console EC 350-2, which fits harmonically into the overall appearance of the EC 350, can be placed either on the right or left side of the dispensing console, depending on the working method of the respective lab.

Large cooling surface – strong performance

The cryo console EC 350-2 has a large cooling surface for more than 60 cassettes/molds. The cooling power of the unit allows temperatures down to -15°C and offers a steady temperature distribution over the entire surface. Temperature can be set via the operating panel of the dispensing console.

The flow rate can be set continuously. A cooling spot, which is integrated into the working surface, in close vicinity to the paraffin nozzle offers a simple and fast specimen orientation while processing with short movements. Six independently heated holes for forceps offer comfortable manipulation of cable-free standard forceps.