



# Leica EG1150

Convenient and comfortable  
tissue embedding center

*Leica*  
MICROSYSTEMS

# Modern technology for comfortable embedding

The new Leica EG1150 modular tissue embedding center incorporates two separate components, the Leica EG1150 C cold plate and the Leica EG1150 H heated embedding module. The independent modules offer the flexibility to arrange embedding workflow in the direction that best suits your laboratory.



- **Adjustable embedding center height**

In addition to the already low, comfortable working position, now you can even adjust the work surface height for optimum ergonomics.

- **Left or right handed workflow**

The modular system of the Leica EG1150 allows the placement of the cold plate onto either end of the heated embedding module allowing the technician to embed in either a right or left handed direction.

- **Rounded arm rests**

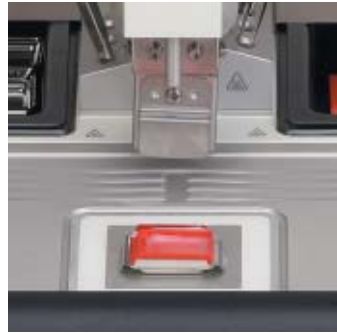
Rounded arm rests provide a comfortable working position free from any hard pressure points on technician's arms.

- **Tissue cassette and mold warming trays located at the same level**

No need for excessive arm movements while embedding. Tissue cassettes and molds are kept at the same level providing a comfortable workflow with minimum effort.

- **Position adjustable halogen light and magnifier**

Bright, even illumination of the work area is provided by the position adjustable halogen lamp. A position adjustable magnifier is also available as an option to facilitate specimen orientation when embedding.



The large Peltier element cold spot is designed to assist tissue orientation even with large Super Mega Cassettes.



The new paraffin drain system prevents liquid paraffin from accumulating on the spacious work surface. Excess paraffin is drained into one of the two large heated paraffin collecting trays, both of which can be removed for emptying.



Tissue cassette and mold warming trays are interchangeable to accommodate changes in embedding workflow.



The heated, removable forceps holder is easily accessible from either side.



The Leica EG1150 C cold plate is held at a constant temperature of -5 °C. The easy to load, large capacity plate can hold in excess of 70 standard cassette molds. An optional cover reduces frost build up in high humidity environments. Additionally, the cold plate can be used as a stand alone unit for pre-cooling blocks prior to sectioning.

**Paraffin cold plate EG1150 C**

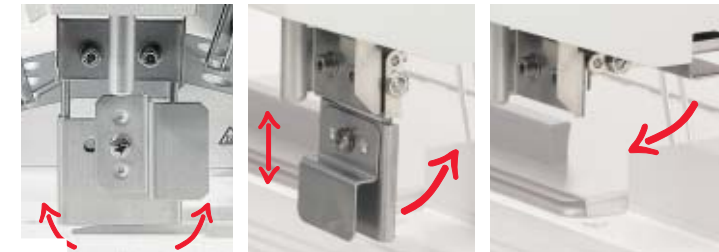
**At a glance...**

**Leica EG1150 H**

- Height-adjustable, rotary and fold-back clip for activating the paraffin flow with the embedding mold, manually or via foot switch
- Setting screw for precise paraffin flow rate adjustment.
- Paraffin flow via gravitational force
- Spacious, heated work surface with paraffin drain system for interim storage of molds and cassettes
- Two heated, removable paraffin collecting trays
- Adjustable temperatures for paraffin reservoir, working surfaces and integrated warming trays, between 55 °C to 70 °C in 5 K increments
- Enhanced mode, selectable for rapid paraffin melting when working in shifts
- Programmable on and off timer
- Magnifier (optional)
- Foot switch (optional)

**Leica EG1150 C**

- Constant temperature of the cold plate at -5 °C
- Approx. 70 cassette molds capacity
- Acrylic cover (optional)



With the especially smooth-running, height-adjustable and rotary dispenser clip, paraffin can either be dispensed manually or by pushing the embedding mold against the clip. A third option, when working with large embedding molds, is to fold the dispenser clip backwards and activate the paraffin flow via the foot switch, available as an optional accessory.



Leica EG1150 with foot switch (optional accessory) to activate paraffin flow.



**Easy to operate instrument display**

All functions of the Leica EG1150 are controlled through the easy to read L.E.D display, including temperature settings for left and right hand warming trays, paraffin reservoir, and working surface. Work days and times can be programmed for automatic instrument operation.

**New:**

**Spacious work surface**

The large work surface area with a new, robust finish allows you to set out multiple cassettes and molds in preparation for embedding, greatly improving specimen throughput.



# Leica EG1150 C – Technical specification

Admissions:.....	UL
Nominal supply voltages (AC ± 10 %): .....	230 V/50 Hz 120 V/60 Hz 100 V/50 - 60 Hz 240 V/50 Hz
Maximum power draw:.....	350 VA
Operating temperature range:.....	+18 °C to +40 °C
Working temperature:.....	-5 °C at 22 °C ambient temperature, after 20 min.
Relative air humidity:.....	maximum 60 %, non-condensing

## Dimensions and weights

Width:.....	360 mm
Depth:.....	650 mm
Height:.....	360 mm
Cold plate (WxD):.....	330 x 370 mm
Cold plate capacity:.....	70 standard cassette molds
Weight:.....	23 kg

# Leica EG1150 H – Technical specification

Admissions:.....	UL
Nominal supply voltages:.....	100 - 120 V, 50/60 Hz 230 - 240 V, 50/60 Hz
Maximum power draw:.....	1100 VA
Operating temperature range: .....	+18 °C to +40 °C
Working temperatures: .....	55 °C to 70 °C adjustable in 5 K increments
Relative air humidity:.....	maximum 60 %, non-condensing

## Capacity

Paraffin reservoir:.....	3 l
Cassette tray/warming tray:.....	approx. 100 cassettes

## Dimensions and weights

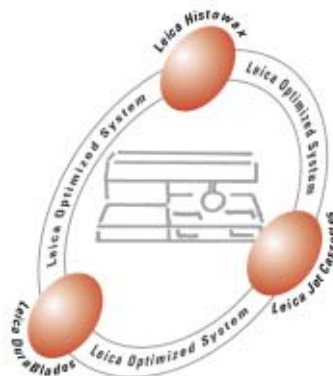
Width:.....	500 mm
Depth:.....	640 mm
Height:.....	360 mm
Working surface (W x D):.....	2 x 210 x 175 mm
Cool spot:.....	68 x 68 mm
Weight:.....	approx. 30 kg

The Leica EG1150 C and Leica EG1150 H instruments are manufactured in accordance with UL, CSA, IEC, C-Tick and VDE standards. The latest in development, production and testing facilities – documented in

accordance with ISO 9001 – ensure the highest quality and reliability. Comprehensive range of accessories on request. Technical specification subject to change.

### Offering a complete solution

To enjoy the full benefits of your embedding system, we recommend using original Leica consumables such as Leica Histowax™, our multi-purpose histo-paraffin without DMSO additives for classical routine histology, Leica disposable microtome blades of the DuraBlades™ family and, of course, Leica Jet Cassettes™ used in conjunction with one of the numerous Leica embedding molds. Please contact your local Leica sales office to receive more detailed information, as not all of the above mentioned products are available world-wide.



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