



Leica EG1150

Convenient and comfortable tissue embedding center

Living up to Life

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.

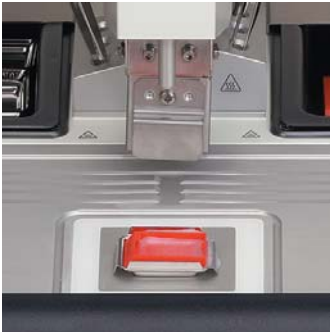
Tissue cassette and mold warming trays located at the same level

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.



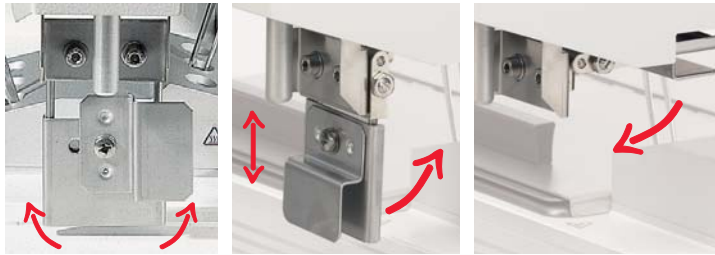


The heated, removable forceps holder is easily accessible from either side.



Kühlplatte EG1150 C

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.



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.



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 through put.

At a glance... Leica EG1150 H

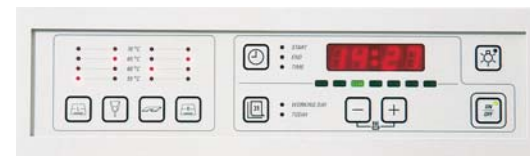
- Height-adjustable, rotary and fold-back clip for activating the paraffin flow with the embedding mold, manually or via foot switch
- Setting screw for precise paraffin flow rate adjustment
- Paraffin flow via gravitational force
- Spacious, heated work surface with paraffin drain system for interim 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)



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.

Leica EG1150 C – Technical specification

Admissions:	UL	Dimensions and weights	
Nominal supply voltages (AC ± 10 %):	230 V/50 Hz 120 V/60 Hz 100 V/50 - 60 Hz 240 V/50 Hz	Width:	360 mm
		Depth:	650 mm
		Height:	360 mm
Maximum power draw:	350 VA	Cold plate (WxD):	330 x 370 mm
Operating temperature range:	+18 °C to +40 °C	Cold plate capacity:	70 standard cassette molds
Working temperature:	- 5 °C at 22 °C ambient temperature, after 20 min.	Weight:	23 kg
Relative air humidity:	maximum 60 %, non-condensing		

Leica EG1150 H – Technical specification

Admissions:	UL	Capacity	
Nominal supply voltages:	100 – 120 V, 50/60 Hz 230 – 240 V, 50/60 Hz	Paraffin reservoir:	3 l
		Cassette tray/warming tray:	approx. 100 cassettes
Maximum power draw:	1100 VA	Dimensions and weights	
Operating temperature range:	+18 °C to +40 °C	Width:	500 mm
Working temperatures:	55 °C to 70 °C adjustable in 5 K increments	Depth:	640 mm
		Height:	360 mm
Relative air humidity:	maximum 60 %, non-condensing	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.

“With the user, for the user”

Leica Microsystems

Leica Microsystems operates internationally in four divisions, where we rank with the market leaders.

● Life Science Division

The Leica Microsystems Life Science Division supports the imaging needs of the scientific community with advanced innovation and technical expertise for the visualization, measurement, and analysis of microstructures. Our strong focus on understanding scientific applications puts Leica Microsystems' customers at the leading edge of science.

● Industry Division

The Leica Microsystems Industry Division's focus is to support customers' pursuit of the highest quality end result. Leica Microsystems provide the best and most innovative imaging systems to see, measure, and analyze the micro-structures in routine and research industrial applications, materials science, quality control, forensic science investigation, and educational applications.

● Biosystems Division

The Leica Microsystems Biosystems Division brings his-topathology labs and researchers the highest-quality, most comprehensive product range. From patient to pathologist, the range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab. With complete histology systems featuring innovative automation and Novocastra™ reagents, Leica Microsystems creates better patient care through rapid turnaround, diagnostic confidence, and close customer collaboration.

● Surgical Division

The Leica Microsystems Surgical Division's focus is to partner with and support surgeons and their care of patients with the highest-quality, most innovative surgical microscope technology today and into the future.

The statement by Ernst Leitz in 1907, “with the user, for the user,” describes the fruitful collaboration with end users and driving force of innovation at Leica Microsystems. We have developed five brand values to live up to this tradition: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement. For us, living up to these values means: **Living up to Life.**

Active worldwide

Australia:	North Ryde	Tel. +61 2 8870 3500	Fax +61 2 9878 1055
Austria:	Vienna	Tel. +43 1 486 80 50 0	Fax +43 1 486 80 50 30
Belgium:	Groot Bijgaarden	Tel. +32 2 790 98 50	Fax +32 2 790 98 68
Canada:	Richmond Hill/Ontario	Tel. +1 905 762 2000	Fax +1 905 762 8937
Denmark:	Herlev	Tel. +45 4454 0101	Fax +45 4454 0111
France:	Rueil-Malmaison	Tel. +33 1 47 32 85 85	Fax +33 1 47 32 85 86
Germany:	Wetzlar	Tel. +49 64 41 29 40 00	Fax +49 64 41 29 41 55
Italy:	Milan	Tel. +39 02 574 861	Fax +39 02 574 03392
Japan:	Tokyo	Tel. +81 3 5421 2800	Fax +81 3 5421 2896
Korea:	Seoul	Tel. +82 2 514 65 43	Fax +82 2 514 65 48
Netherlands:	Rijswijk	Tel. +31 70 4132 100	Fax +31 70 4132 109
People's Rep. of China:	Hong Kong	Tel. +852 2564 6699	Fax +852 2564 4163
Portugal:	Lisbon	Tel. +351 21 388 9112	Fax +351 21 385 4668
Singapore		Tel. +65 6779 7823	Fax +65 6773 0628
Spain:	Barcelona	Tel. +34 93 494 95 30	Fax +34 93 494 95 32
Sweden:	Kista	Tel. +46 8 625 45 45	Fax +46 8 625 45 10
Switzerland:	Heerbrugg	Tel. +41 71 726 34 34	Fax +41 71 726 34 44
United Kingdom:	Milton Keynes	Tel. +44 1908 246 246	Fax +44 1908 609 992
USA:	Bannockburn/Illinois	Tel. +1 847 405 0123	Fax +1 847 405 0164

and representatives in more than 100 countries