



# Leica EG1160

Compact, programmable

tissue embedding station

*Leica*  
MICROSYSTEMS

# Reliable Engineering, Compact Design

For the past 125 years the Leica name has been recognized worldwide for top performance technology in laboratory instrumentation. The new Leica EG1160 lives up to that standard in a unique manner: compact dimensions, ease of operation and exemplary comfort and safety standards characterize this tissue embedding station as much as the comfortable level of the working surface and the ergonomic design. Ample work space with temperature-controlled handrests to provide protection against burn injuries gives maximum freedom of movement to the user. To ensure that right-handed and left-handed operation are equally comfortable, two different instrument versions are available: with forceps holder on the right side or with additional forceps holder on the left. The modern design concept and outstanding features of the Leica EG1160 pave the way for efficient workflow and high specimen throughput.

## Ample range of accessories

The Leica EG1160 offers a wide range of accessory options: from the cold light source out of the Leica CLS series, with especially intense illumination and focusing fiber-optic light guide, to a vacuum attachment for enhanced tissue infiltration in the cassette bath, and to an attachable large-field magnifier to facilitate the embedding of extremely small and critical samples.



## Spacious paraffin collecting tray

Excess paraffin from the separately heated work surface drips directly into the extra-deep paraffin collecting tray.



## Ergonomically designed: Mold warmer and cassette bath

The mold warming compartment can be opened widely for easy access and can be heated up to 70 °C. The removable, easy to clean cassette bath can hold more than 100 cassettes.

## Menu-driven for user friendliness

All instrument functions including the temperatures of paraffin reservoir, mold warmer, cassette bath and working surface and the automatic starting time are individually programmable by just pressing a button.

The easy-to-read LCD display with paraffin quantity level indication shows all essential usage and programming parameters.



## At one glance...

- Bench-top unit with sturdy frame construction
- Menu-driven through micro-processor, programmable in 5 different languages
- Programmable starting time
- Activation of paraffin flow manually, via foot switch or using the mold in conjunction with an additional pressure clip
- 3-liter paraffin reservoir, temperature setting range 45 °C to 70 °C
- Spacious paraffin collection tray
- Ample cold plate for at least 60 blocks
- Refrigeration spot integrated in cold plate
- Working surface, cassette bath, mold warmer and paraffin reservoir individually temperature-adjustable
- Optional (specify when ordering): additional forceps holder for left-handed operation
- Easy-to-clean

## Separately heated paraffin dispensing system

The paraffin dispensing system with integrated filter ensures constant, reproducible flow, with ten flow rate settings. Paraffin dispensing can be activated manually, via foot switch or paraffin mold handle. To facilitate filling of large molds the dispensing handle may be retracted. The refrigeration spot being integrated in the cold plate ensures uniformly low temperatures.



# Leica EG1160 – Instrument Features

- Compact bench-top unit – microprocessor-controlled
- Temperature programming for paraffin reservoir, cassette bath, mold warmer and work surface
- Programmable in addition: work day, work starting time, work end time, real time and day of the week.
- Programmable in 5 different languages: German, English, French, Spanish and Italian.
- 10-way paraffin flow rate adjustment
- Paraffin filling level indication
- 3-liter paraffin reservoir
- Removable cassette bath
- Separately heated paraffin dispenser
- Paraffin flow activated manually, via foot switch or via the mold
- Work space illuminated
- Cold plate with integrated refrigeration spot for specimen orientation
- Removable heated forceps holder on the right side
- Optionally additional forceps holder on the left side
- Battery-buffered memory

# Leica EG1160 – Technical Specification

## Capacities:

Paraffin reservoir: ..... 3 l  
 Cassette bath: ..... ca. 100 cassettes  
 Cassette tray: ..... 8 cassettes

## Temperature range of functional units:

Paraffin reservoir: ..... 45 - 70 °C, steps of ± 1 °C  
 Container for embedding molds (mold warmer): ..... 35 - 70 °C, steps of ± 1 °C  
 Cassette bath: ..... 45 - 70 °C, steps of ± 1 °C  
 Working surface: ..... 45 - 70 °C, steps of ± 1 °C  
 Cold plate: ..... -5 °C  
 Removable forceps holder, right: ..... 70 °C  
 Forceps holder, left (optional): ..... 80 °C  
 Paraffin dispenser & pump: ..... 45 - 70 °C, depending on paraffin reservoir temperature

**Power draw:** ..... 800 VA

**Mains connection voltage and frequency:** ..... 120 V / 60 Hz  
 ..... 230 V / 50 Hz

**Operating temperature range:** ..... 18 °C - 40 °C

**Dimensions (W x H x D):** ..... 910 x 320 x 575 mm

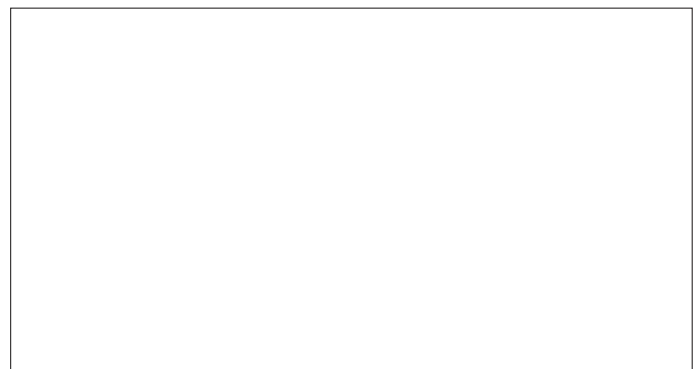
**Weight:** ..... 50 kg

Wide range of accessories upon request.  
 Technical specifications subject to change.

The Leica EG1160 is manufactured in compliance with the UL, CSA, IEC and VDE standards. Up-to-date development, production and quality control procedures certified under DIN EN ISO 9001 ensure highest quality and reliability.

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 07/2002