Leica EG1160

Compact, programmable tissue embedding station

Living up to Life
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.

Reliable Engineering, Compact Design

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.

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.
**At one glance...**

- Bench-top unit with sturdy frame construction
- Menu-driven through microprocessor, 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
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- 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

**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.

**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.

**Easy-to-clean**

Spacious paraffin collecting tray

Excess paraffin from the separately heated work surface drips directly into the extra-deep paraffin collecting tray.
Leica EG1160 – Technical Specification

**Capacities:**
- Paraffin reservoir: 3 l
- Cassette tray: 8 cassettes
- Temperature range of functional units:
  - Paraffin reservoir: 45 – 70 °C, steps of ± 1 °C
  - Cassette bath: 45 – 70 °C, steps of ± 1 °C
  - Mold warmer: 35 – 70 °C, steps of ± 1 °C
  - Work 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.**

Up-to-date development, production and quality control procedures certified under DIN EN ISO 9001 ensure highest quality and reliability.

Active worldwide

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