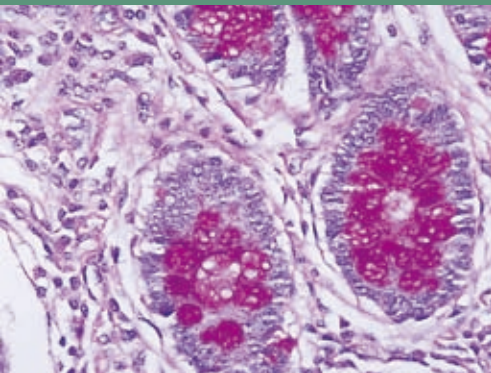


Thermo Scientific Microm CTM 6 Glass Coverslipper



Fast Flexible Compact

CTM 6 – Automated Glass Coverslipper for Histology and Cytology Slides



*Accessories not included.

Intelligent Design – Your advantage in routine

- User-friendly
- Flexible use
- Highest cover slipping quality at minimum footprint

Use of glass cover slips – best optical quality

Glass cover slips provide several advantages compared with adhesive film. Glass provides a consistent, superior optical quality at the microscopical examination. The durability of glass cover slipping is superb and does not require any rework, even after long storage time. The Thermo Scientific Microm CTM 6 uses coverslips of 24 x 40, 50, 55 and 60 mm of thickness No. 1. Optional it may use thickness No. 1,5 coverslips. All required parts for changing to another coverslip length are included in the standard delivery set. Buying additional parts is not requested. The coverslip magazine with its capacity of more than 400 coverslips allows a high throughput without reloading.

Simple Operation – Efficient Usage

Logically arranged and color-coded keys with intuitive symbols provide simplified operation. Most of all routine functions are available by a single push of a key. The dual-line LC-display indicates the status with clear text messages in four selectable languages and assists simple operation.

Special Pump Design – Bubble-free Operation

Refilling the mounting medium reservoir is possible without its removal. The intelligent, bent shape of the glass cylinder allows an easy and bubble-free fill of the mounting medium.

Routine – Secure

Inserting of the slide racks is possible without opening the hood. If the rack has been finalized, it will be released to the side and slightly turned for easy removal through the closed hood.

Cleaning – simple

Cleaning and maintenance is easy due to an easy removal of all components without any tools.

High Speed – Flexible Usage

The high throughput of 450 slides per hour is achieved by an efficient movement characteristic of the mechanical components in the unit. Two functions are always performed at the same time. After coverslipping the slide will be guided back into the same rack position after where it has been taken from. Due to an intelligent movement, the dispenser needle is being cleaned in a small solvent container at the same time whenever a coverslip is being released on the slide. So this happens after each single coverslip movement and guarantees consistently superb coverslipping results.

Continuous loading

As soon as a rack is in operation, the next rack may be inserted. The CTM 6 provides a continuous loading capability and may be operated without any interruption. No need to wait for reloading the next rack. This allows a highly flexible adaptation to laboratory processes. Finished racks will be stored in the unit and may be removed whenever requested, even during operation.

Compact Design – Intelligence with small footprint

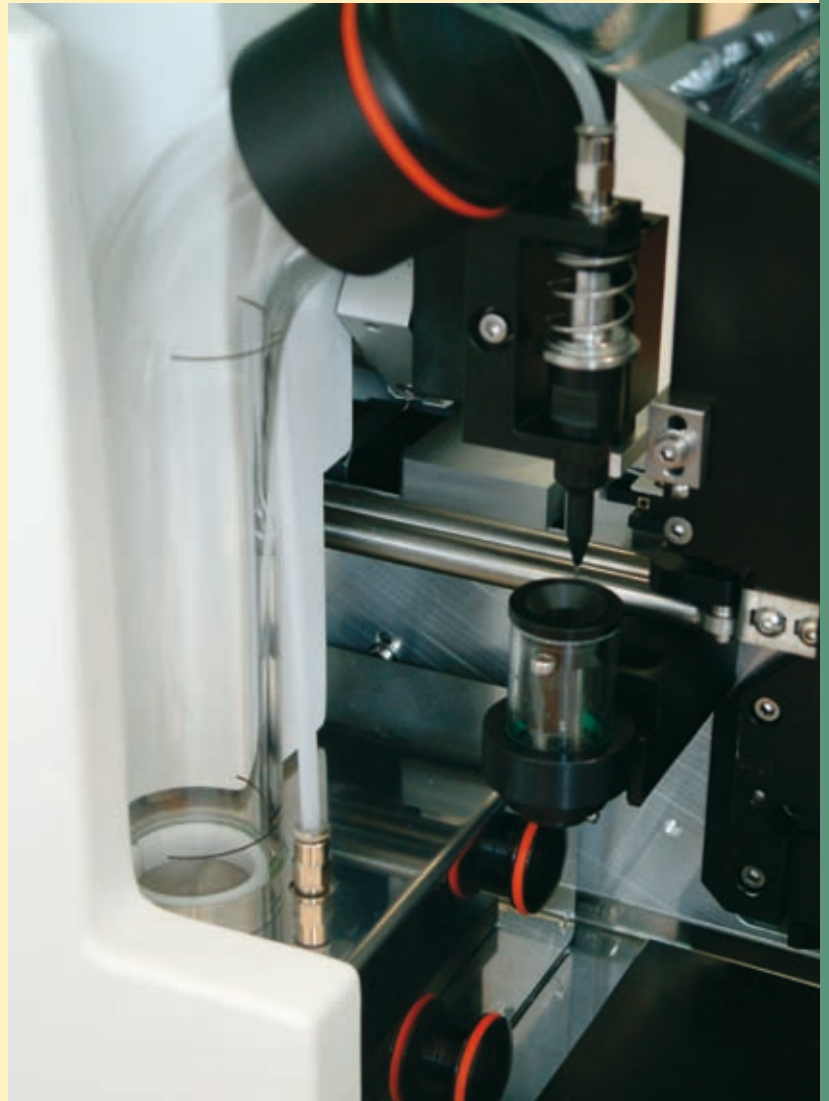
The CTM 6 provides a convincing performance on a small footprint. Space requirement is always an important factor prior to a purchase. We have listened to customers and thought about this carefully. This resulted in a small construction which unstrings the customers space situation. The CTM 6 may even be placed in a fume cab due to its compact design. Although the CTM 6 is of minimized size it provides easy access to all components.

Security Features

Due to the possibility to load and unload racks without opening the hood, environment is successfully protected against smells. Using a small amount of solvent only, the evaporation of solvents is minimized. An internal vapor extraction system consists of a fan with permanent airflow into the unit to avoid any excess of vapors at openings and an activated charcoal filter which neutralizes all fumes. If requested, the CTM 6 may be easily connected via a flexible tubing to an external fume extraction system or may be operated in a fume cab due to its compact size.

Information in brief:

- High throughput: 450 slides/hour
- Loading and unloading of racks without opening the hood
- Key panel with intuitive symbols
- Dual-line display for text messages
- 4 languages available: (German, English, French, Spanish)
- Uses coverslips of 24 x 40, 50, 55 and 60 mm.
- Easy conversion to other coverslip sizes
- Easy, bubble-free refill of mountant
- Simple operation
- Small footprint, superb accessibility
- Minimized maintenance required
- Components removable without tools



Technical data/accessories



Technical data CTM 6

Uses standard coverslips of 24 x 40, 50, 55, 60 mm of thickness No.1 (Thickness No. 1.5 on request)

Coverslip capacity: 400 pcs.

Pressure-free mountant reservoir, capacity: 100 ml

2-line LC-display with clear text messages (4 languages selectable)

Uses 19- or 30-slide racks

Adapters for easy adaptation to all common brand stainers available (need to be specified)

Dimensions: (W x D x H): 275 x 410 x 360 mm

Weight: 19 kg (depending on the model)

Nominal voltage: 100-240 V

Network's frequency: 50-60 Hz



Thermo Scientific Microm HMS 740

An innovative Slide Stainer designed for productivity and safety. Highest efficiency and flexibility due to the possibility to run several staining protocols at the same time. Another excellent feature of this instrument is the patented individual lid management during the run. It emphasizes its efficiency through a unique drip preventer supporting a reduced consumption and less carryover. An acrylic glass cover and a vapor escape

via filtered downward ventilation provide an effective purification of exhaust air. Loading and unloading of the specimens can be realized without opening the hood. Due to the high number of 42 stations (incl. 4 rising, 1 entry and 3 exit stations and up to 34 reagent stations) and the simultaneous multiprogram feature, several staining programs can be realized with one slide stainer.



Microscope Slides

For routine microscopy applications, Menzel microscope slides are available with several edge finishes. Menzel's single or twin frosted slides have consistent and porous surfaces making labelling effortless.

Microscope Cover Slips

Menzel coverslips can be used for all microscopes fitted with standard lenses. Additionally, Menzel coverslips do not corrode and can be stored safely for years. Another element of our cover-slips – smoothness – facilitates the viewing of specimens without distortion.

Cytoseal™ XYL

This xylene-based mounting medium contains an antioxidant to inhibit the fading or yellowing of stained specimens. It is a rapid drying medium allowing microscopic examination of slides soon after application. Cytoseal XYL is packaged in 120 ml and/or 473 ml bottles with a twist-open/twist-closed cap.