

**SLEE** medical

# cromatec I / II

Flexible staining system with highest throughput

Highest throughput  
and flexibility

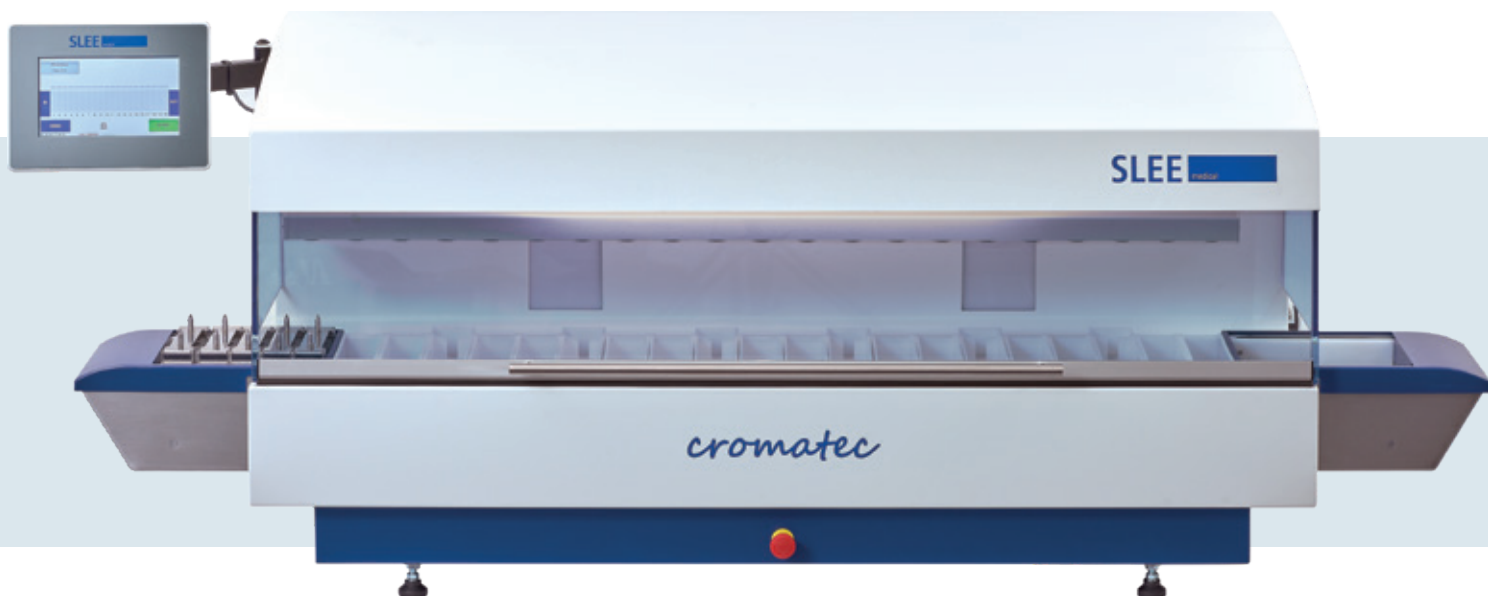
Continuous loading

Reagent  
management system

Smart device  
connectivity

DESIGN AND MANUFACTURING  
MADE IN GERMANY





## cromatec I

### Flexible staining system with highest throughput

SLEE medical cromatec stainer represent maximum productivity and highest economy in routine histology and cytology. They combine consistent staining quality with incomparable easy use of the instrument. A continuous loading with baskets with maximum 30 slides supports the user to fulfil the daily requirements and enables staining with highest throughput. cromatec slide baskets can be directly processed in all SLEE coverslipper. In case of using a different coverslipper, there are adapters available for using the baskets in our cromatec product line.

The flexibility of the SLEE cromatec stainer is unique. This singularity is characterized by individually programmable time settings for each station and freely selectable position for the washing cuvettes. The exhaust air is cleaned by the integrated activated carbon filter or by a connection to a central extraction system. The very quiet operating noise avoids any disturbance. Due to the compact and space saving design, the stainer can be easily integrated into your laboratory. To safeguard the operation of the unit in case of power failures, every instrument is equipped as standard with an integrated uninterruptible power supply (UPS).

### Highlights

- Highest throughput, e. g. H&E staining
- Individual time settings, station for station, for maximum flexibility
- Continuous loading with slide baskets
- Up to 6 washing cuvettes with regulated fresh water supply
- Reagent management system for maximum and consistent staining quality
- Smart device connectivity for monitoring staining processes, apps for iOS and Android
- Very quiet operating noise
- Integrated exhaust cleaning with active carbon filter
- Easy and intuitive handling via 7" touch display
- Integrated LED-Illumination of the the working area
- Integrated UPS

### Specifications

|   |   |
|---|---|
| <b>Quantity stations</b>                      | 20  |
| <b>Capacity of slide baskets</b>              | 30 slides   |
| <b>Loading capacity</b>                       | 20 slide baskets  |
| <b>Throughput slides</b>                      | up to 1,800 per hour  |
| <b>Volume staining/washing cuvette</b>        | 400ml   |
| <b>Quantity washing cuvettes</b>              | up to 6   |
| <b>Loading/unloading stations</b>             | 5 slide baskets each  |
| <b>Programmes</b>                             | 20 programmes, with up to 20 steps each   |
| <b>Incubation period</b>                      | 5 seconds up to 1 hour  |
| <b>Exhaust/exhaust air volume</b>             | up to 200m <sup>3</sup> /h, Nominal diameter for rear connection to central extraction system Ø 100mm |
| <b>UPS back up time</b>                       | up to 4 hours   |
| <b>Dimensions</b><br>(width x depth x height) | 1,560 x 640 x 620mm   |
| <b>Weight</b>                                 | 110kg   |

cromatec I 100–230V, 50/60Hz

Item No. 17000000





## cromatec II

cromatec II is based on model cromatec I but offers additionally a heating station. According to the users requirement, it can be used as de-paraffinisation or heating station. When this station is used as a de-paraffinisation station, the heating function is additionally supported by a laminar air flow to warm up uniformly and quickly the slides in the slide basket.

### Highlights

- Integrated heating station
- Alternatively usable for de-paraffinisation or heating
- Easy to remove for easy cleaning
- Intuitively programmable heating parameters

### Specifications

|   |                            |
|---|----------------------------|
| <b>Adjustable temperature range</b>           | 30°C up to 70°C            |
| <b>Processing time</b>                        | 0sec. up to 59min., 59sec. |
| <b>Dimensions</b><br>(width x depth x height) | 1,560 x 640 x 620mm        |
| <b>Weight</b>                                 | 115kg                      |

**cromatec II** 100–230V, 50/60Hz

**Item No. 17000001**

### Standard components

|   |
|---|
| <b>Basic instrument</b> (cromatec I or cromatec II)             |
| <b>Staining cuvettes</b> (20 pcs)                               |
| <b>Washing cuvettes</b> (6 pcs)                                 |
| <b>Heating station</b> (only cromatec II)                       |
| <b>Basket carrier</b> (6 pcs)                                   |
| <b>Slide baskets</b> (6 pcs)                                    |
| <b>Transport container</b> with lifter                          |
| <b>Xylene container insert</b> with cover for unloading station |
| <b>Supply and drain hose</b>                                    |
| <b>Mains cable</b>  |
| <b>Operation manual</b>   |

### Optional accessories

|  | Item No. |
|--|----------|
| <b>Reagent warmer</b> (only cromatec II)                 | 41000527 |
| <b>Adapter clip for SAKURA basket</b> (20 slide baskets) | 41000900 |
| <b>Further adapters on request</b>                       |          |

Touch display

Exhaust air cleaning with activated carbon filter

Integrated LED-Illumination of the working area

Unloading station for 5 baskets

Heating cuvette alternative arrangement (cromatec II)

20 staining stations with up to 6 washing cuvettes

Loading station for 5 baskets

Heating cuvette (cromatec II)



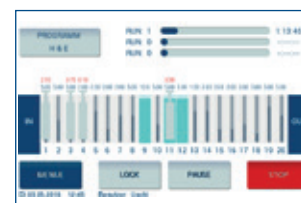
## Under control

7" touch display for real-time process monitoring as well as fast and direct interaction with the device. Designed for easy and effective parameter settings, multilingual.



## Process monitoring

All steps and their individual duration are clearly visible and under control; at any time. Start and end times are explicitly recognizable to control the workflow. Real-time monitoring via app on Smart device possible.



## Reagent management system

The Reagent Management System helps the user to schedule the exact timing of changing the reagents. This ensures reproducible, high-quality stainings run by run.



## Customized protocols

Up to 20 user-defined protocols can be saved under individual designations. The cromatec stainer enables the user to define the process time for each single step.



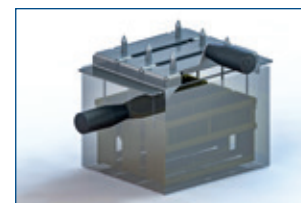
## Loading station

Continuous loading with using the loading station. Baskets are automatically taken out of the loading station when the cromatec can process the next staining step.



## Easy unloading

Easy unloading of 3 slide baskets with the special lifter. The removed baskets can be temporarily stored in the transport container that is also included in the standard equipment of the instrument.



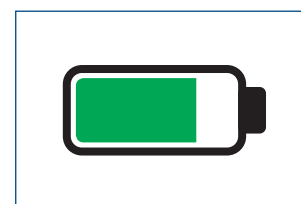
## Cuvette arrangement

Easy unloading of 3 slide baskets with the special lifter. The removed baskets can be temporarily stored in the transport container that is also included in the standard equipment of the instrument.



## Safety

In case of a power failure the cromatec processes the staining up to 4 hours due to the integrated uninterruptible power supply (UPS) and finishes the protocols safely. The power failure is shown on the display and in the app.





# SLEE Device Manager app for cromatec I & II

Interruptions in the staining process lead to bad results and consequently to high manual reworking efforts and sometimes even to a loss of the specimen.

Bluetooth offers an easy possibility to connect tablets and smartphones with the cromatec.

The current status of the staining process in real-time can be monitored at any time with the SLEE Device View app. In case of an interruption (e. g. power failure) or an unauthorized interference (e. g. opening the hood) an information or warning message is provided by the app.

The app enables the user to monitor and display several cromatec stainer in parallel.

## Throughput and reliability

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MCS II  
Coverslipper



High quality slides / coverslips  
for automated coverslipping

## Cooperation with distribution partners all over the globe.

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Africa

Asia

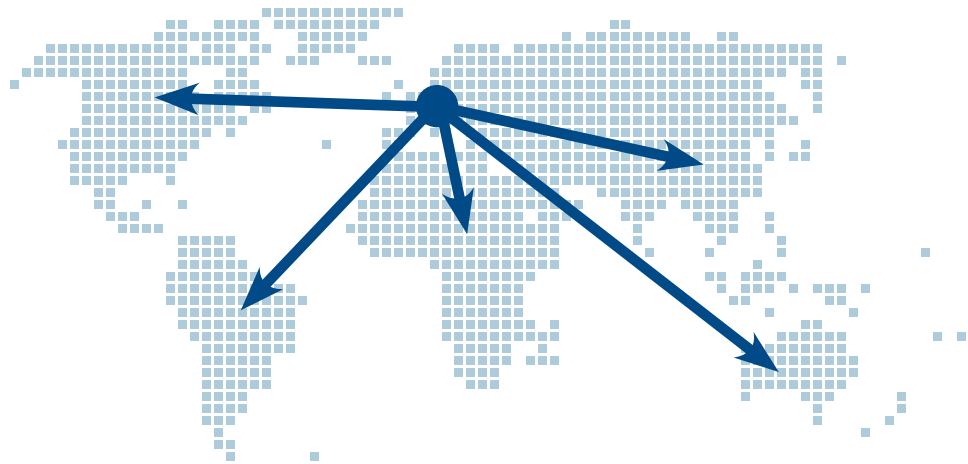
Australia

Europe

Middle East

North America

South America



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