



sales@gmi-inc.com

(763) 712-8717

slee solutions for pathology

STAINING SYSTEMS
Cromatec I / II

FLEXIBLE STAINING SYSTEMS
WITH HIGHEST THROUGHPUT

DESIGN &
MANUFACTURING
MADE IN GERMANY

Cromatec I / II

Stainer with highest throughput

The **Cromatec** series represents maximum productivity and highest economy in routine histology and cytology. It combines consistent staining quality with extraordinary ease of operation of the device. A continuous loading of the baskets with up to 30 slides supports the user to fulfil the daily requirements and enables staining with highest throughput.

The Cromatec slide baskets can be processed directly in all Slee coverslippers. In case of using a different coverslipper, there are adapters available for using the baskets in the 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 positions for the washing cuvettes. The cleaning of the exhaust

air is accomplished by the integrated 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 device is equipped as standard with an integrated uninterruptible power supply (UPS).

Highlights

- Highest throughput in routine, 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 controlled 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 carbon filter
- Easy handling via 7" touch display
- Integrated LED illumination of the working area
- Integrated uninterruptible power supply

Item No.

Cromatec I 100 - 240 V, 50/60 Hz 17000000

Cromatec II 100 - 240 V, 50/60 Hz 17000001

Highest flexibility

Cromatec I

High process flexibility

Maximum throughput

Cromatec II

High process flexibility

Maximum throughput

Additional heating station

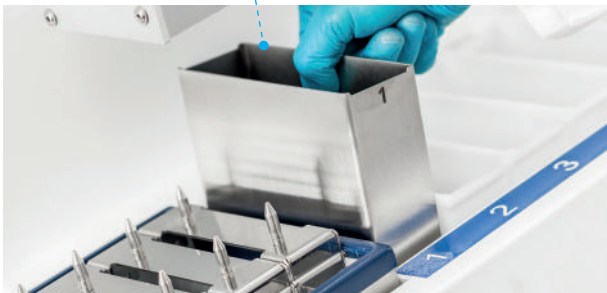


Cromatec II

Stainer with highest throughput

Cromatec II is based on model **Cromatec I** but offers an additional heating station. According to the user's requirement, it can be used as de-paraffinization or heating station. When this station is used as a de-paraffinization station, the heating function is additionally supported by a laminar air flow to warm up the slides in the slide basket quickly and evenly.

Cromatec II
cuvette as
de-paraffinization station



Cromatec II
cuvette as
heating station



Highlights Cromatec II

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

Standard components

Cromatec I or Cromatec II

Staining cuvettes (20 pcs.)

Washing cuvettes (6 pcs.)

Heating station (only Cromatec II)

Basket carrier (6 pcs.)

Slide baskets (6 pcs.)

Transport container with lifter

Xylene container insert
with cover for unloading station

Supply and drain hose

Mains cable

Manual

Specifications

Cromatec I Cromatec II

Number of stations	20
Capacity of slide baskets	30 slides
Loading capacity	20 slide baskets
Throughput slides	up to 1,800 pcs./hrs.
Volume staining / washing cuvette	400 ml
Number of washing cuvettes	up to 6
Loading / unloading stations	5 slide baskets each 20 programmes, with up to 20 steps each
Programmes	
Incubation period	5 sec. up to 1 hrs. up to 200 m ³ /hrs., nominal diameter for rear connection to central extraction system Ø 100 mm
Exhaust / exhaust air volume	
UPS back-up time	up to 4 hrs.
Selectable temperature range	- 30 °C up to 70 °C
Process time	- 0 sec. up to 59 min., 59 sec.
Electrical parameters	100 - 240 V, 50/60 Hz
Dimensions (W x D x H)	1,560 x 640 x 620 mm
Weight	110 kg 115 kg

Optional accessories

Item No.

Adapter clip for SAKURA basket
(20 slides) 41000900

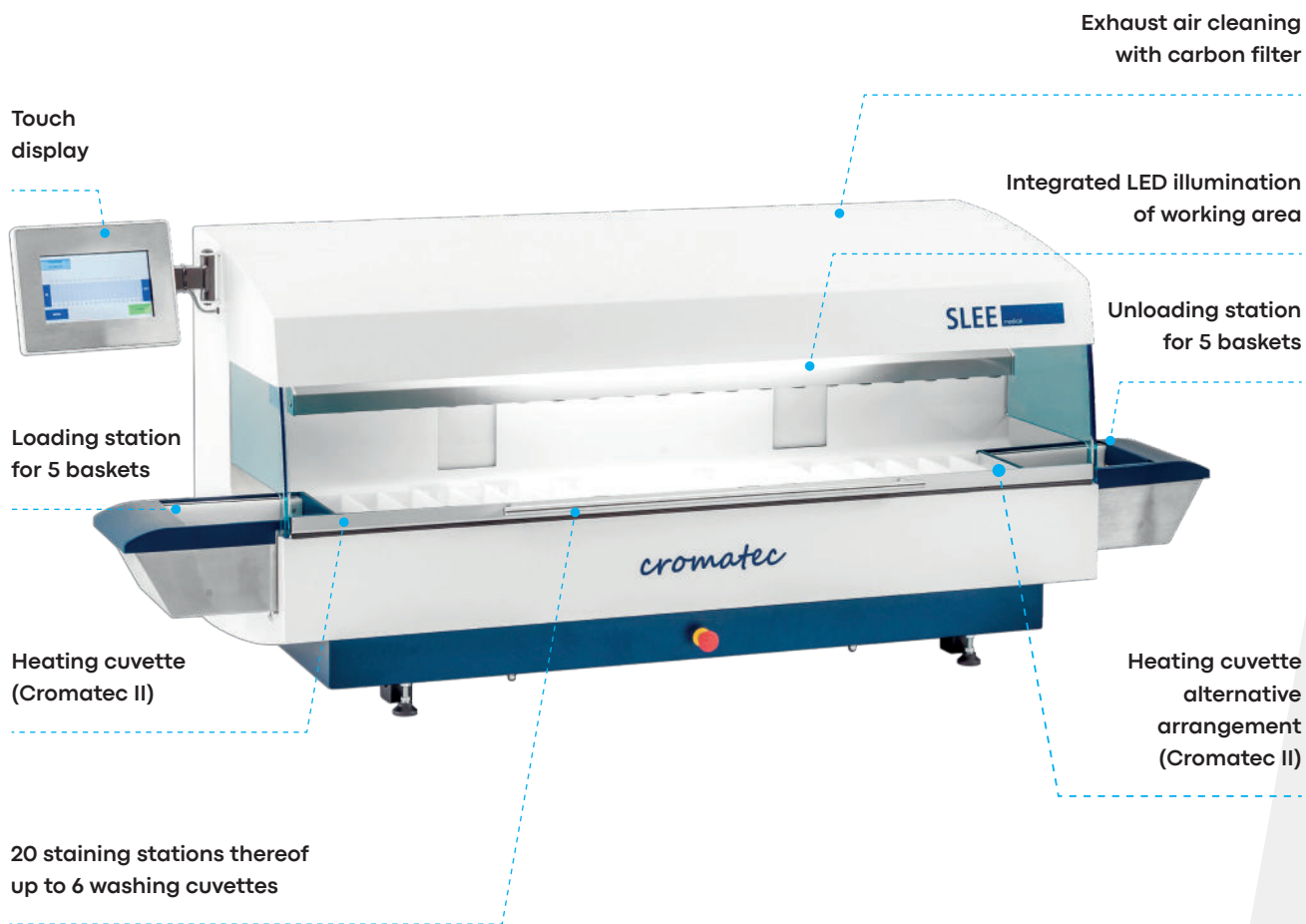
Further adapters on request

Cromatec I and Cromatec II

The devices can be adapted accordingly to the use of slide baskets from other manufacturers. Please contact us if required.

Easy operation

Everything under control at all times. Super easy and absolutely reliable.

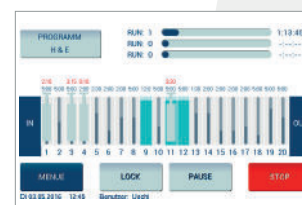


Under control



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 run time are clearly visible and under control; at any time. Start and end times are clearly visible 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 staining run by run.

Customized protocols



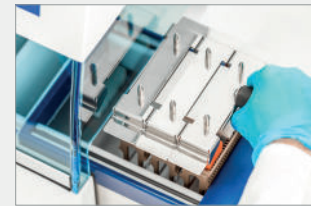
Up to 20 user-defined logs can be saved under individual names. The Cromatec stainer enables the user to define the process time for each single step.

Loading station



Continuous loading using the loading station. Baskets are automatically taken out of the loading station when the Cromatec is ready to process the next staining step.

Easy unloading



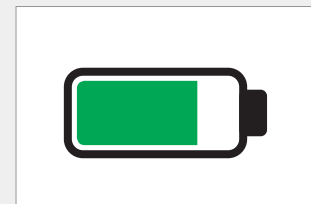
Easy unloading of 3 slide baskets using the special lifter. The removed baskets can be temporarily stored in the transport container which is also included in the standard equipment of the device.

Cuvette arrangement



Filling of the reagents or cleaning of the cuvettes by simple removal. Washing cuvettes can be freely positioned or used as additional staining cuvettes.

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 any 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 stainers simultaneously.

