AUTOMATED SLIDE STAINER

SS-30

Flexible and versatile design for optimized staining results

Devoted to Histology
AUTOMATED SLIDE STAINER

SS-30

FOR ROUTINE AND SPECIAL STAINING PROTOCOLS
IN HISTOLOGY AND CYTOLOGY LABS

Flexible, optimized and user-friendly

MULTISTAINING CAPABILITY

More staining flexibility allowing simultaneous and automatic staining of various 30-slide racks with identical or different staining protocols. Continuous loading to maximize efficiency and productivity in labs.

Up to 5 slide racks can be run simultaneously depending on protocols, load frequency and instrument configuration, enabling up to 150 slides to be stained simultaneously. The instrument calculates the most efficient route for each rack/protocol.

FLEXIBLE STAINING

The agitation system can be individually programmed for each station: it is available in 4 different preset dip modes with 3 configurable parameters: number, speed and amplitude of the dips. A special programming for the washing stations is also available.

Several adaptors are available for the most popular coverslipper racks in the market.

COMPACT FOOTPRINT

Ideal for labs with shallow benches to optimize valuable space. Smartly designed to occupy less space without compromising slide staining productivity.

REAL-TIME DISPLAY

SS-30 displays in real time the status of each staining protocol. It can store up to 20 programmed protocols in memory with 50 steps each maximum as well as up to 52 reagents (32 pre-programmed).

The drain function minimizes the reagent carryover and helps reducing reagent consumption to optimize costs.

DEDICATED SOFTWARE

SS-30 stainer is supplied with a PC dedicated software that offers the option to define protocols and modify the list of saved reagents from the convenience of a PC.

It has also reporting capabilities through a USB plug to acquire data, displaying real status of the running protocols and managing reports and errors.

USER AND SPECIMEN SAFETY

The transparent hood is equipped with two hinged doors (loading/unloading stations) to reduce the exposure to reagents.

Water overflowing in the stainer is secured thanks to an innovative two water level sensors system.

Back-up battery with 2h autonomy to finish the staining protocols in case of power failure. External 12V power supply.

The Reagent Management System (RMS) keeps track of reagent usage and ensures an optimal staining quality (available only in version SS-30H).
SPECIFICATIONS

Specimens
Histological and/or cytological

Staining capacity
Up to 5 racks simultaneously

Slide rack capacity
30 slides

Number of programs
Up to 20 programs with max. 50 steps each

Immersion time
From 1 s to 59 m 59 s per step

Agitation system
Independently programmable for each station

Selectable parameters
Number, speed and amplitude of dips

Drain function
Minimizes reagent carryover

Total stations
20 vessels with individual lid

Reagent stations
Up to 19

Reagent stations capacity
300 ml

Water stations
Up to 3

Load stations
Up to 2

Unloading stations
Up to 3 (2 if drying station is available)

Drying station
1 (available only in SS-30H)

Drying station temperature
30 to 70° C

Fume extraction system
Charcoal filter

Power requirements
SS-30 100-240 VAC 50-60 Hz 0,17 A
SS-30H 100-240 VAC 50-60 Hz 0,76 A

Backup battery capacity
2 h

Dimensions (l x w x h)
1.200 x 440 x 368 mm

Weight
55 kg

ORDERING INFORMATION

SS-30 Automated slide stainer 100-240v / 50-60 Hz
SS-30H Automated slide stainer with drying station 100-240v / 50-60 Hz

OPTIONAL ACCESSORIES

SS30-059 Adapter for THERMO-MICROM rack (30 slides)
SS30-200 Load station LEICA racks
SS30-200B Lid for load station LEICA rack
SS30-201 Adapter for LEICA plastic rack (30 slides)
SS30-201B Adapter for LEICA metal rack (30 slides)
SS30-202 Adapter for SAKURA rack (20 slides)
SS30-204 Adapter for MEDITE rack (20 slides)
SS30-205 Adapter for MEDITE rack (30 slides)
SS30-210 Megaslides adapter

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