Myr

Devoted to Histology

AUTOMATED
SLIDE STAINER

SS-30

Flexible and versatile design for
optimized staining results



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

Lab-friendly integrated filtration system equipped with a charcoal filter and individual lids for the reagent stations to avoid evaporation of reagents. Optional adaptor for the laboratory general extraction system.

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

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.

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

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

Especialidades Médicas Myr S.L

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