

Technical data

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
IMMERSION TIME	1 s to 59 m 59 s per step
AGITATION SYSTEM	Independently programmable
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

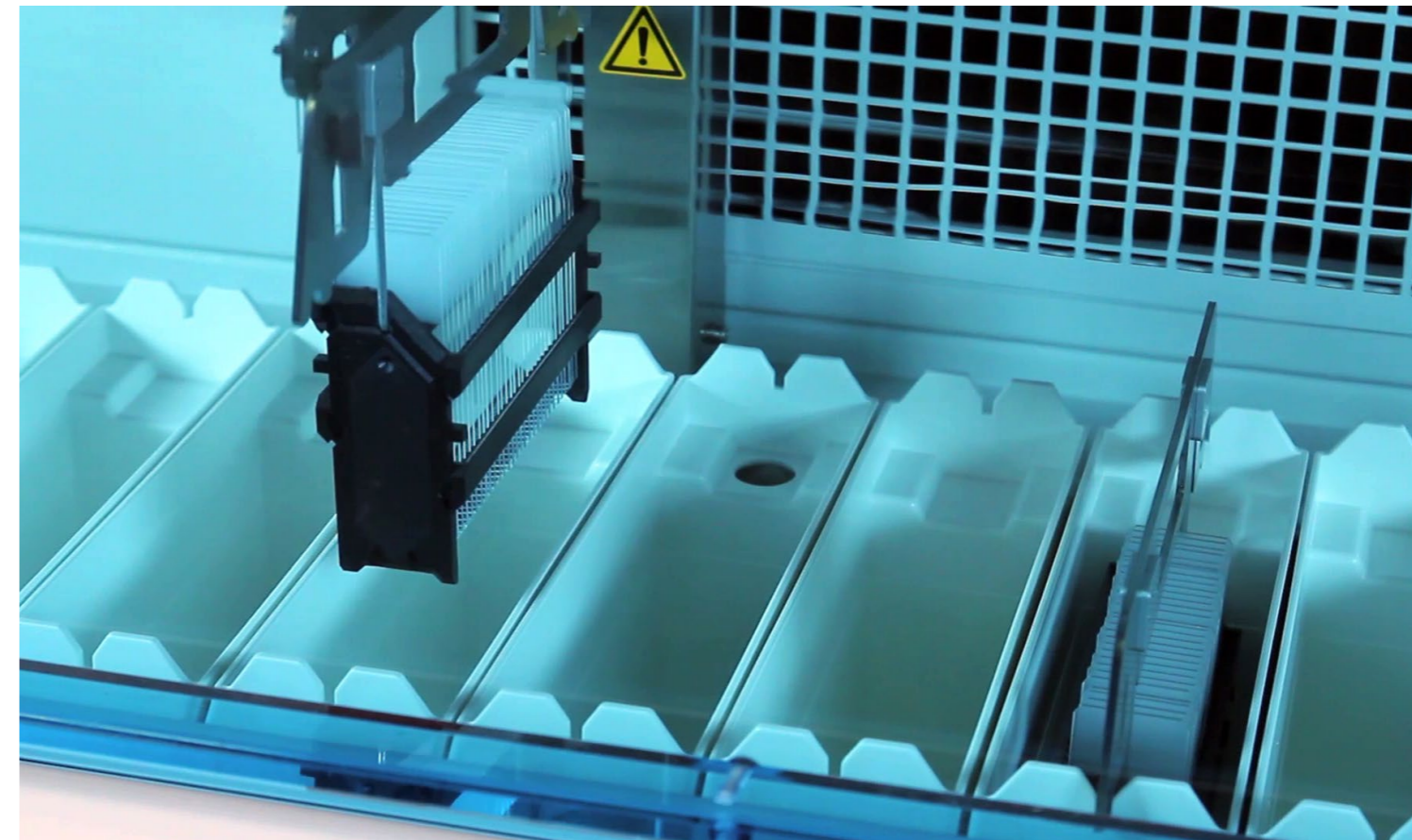
SS-30 Automated slide stainer (100-240v / 50-60 Hz)

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



OPTIONAL ACCESSORIES

SS30-059	Adapter for THERMO-MICROM racks (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



SS-30

Flexible and versatile design
for optimized staining results.

AUTOMATED SLIDE STAINER
SS-30 / SS-30H

AUTOMATIC SLIDE STAINER

SS-30

For routine and special staining protocols in histology and cytology labs.



MULTISTAINING FLEXIBILITY

Unleash staining freedom for every lab need.

Simultaneously and automatically perform multiple staining protocols on 30-slide racks—whether identical or different. Continuous loading ensures maximized productivity and streamlined workflows. Up to 5 racks can run in parallel (up to 150 slides total), depending on protocol settings and frequency. The SS-30 intelligently calculates the most efficient path for each rack and protocol.



ADVANCED CONTROL PANEL

Tailored precision at every station.

Each station features a fully programmable agitation system with 4 preset dipping modes and 3 customizable parameters: number, speed, and amplitude of dips. A dedicated washing station mode is also included. Compatible adaptors available for the most widely used coverslipper racks on the market.



SMART STORAGE & SOFTWARE

Full protocol control, right from your PC.

The SS-30 comes with PC-dedicated software to easily define and edit protocols and manage reagent lists. Data can be exported via USB for full visibility of protocol status, report generation, and error tracking—keeping lab operations efficient and under control.

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 preprogrammed).

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

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).

