

HISTOCORE CHROMAX ST

AUTOMATED SLIDE STAINER

TECHNICAL SPECIFICATIONS



Electrical specifications

Nominal supply voltage	220 VAC
Nominal supply frequency	50 Hz
Mains supply voltage fluctuations	± 10%
Power consumption	650 VA

Dimensions and weight specification

Overall size of device (W x D x H)	1136 x 670 x 550 mm (close hood) 1136 x 670 x 870 mm (open hood)
Overall size serial packaging (W x D x H)	1310 x 820 x 920 mm
Empty weight (without accessories)	88 kg
Overall weight (with accessories)	97 kg
Device weight including packaging	147 kg

Environmental specification

Operating altitude (meters above sea level) (min/max)	Up to 2000 m above sea level
Temperature (operation) (min/max)	15°C to 35°C
Relative humidity (operation) (min/max)	20% to 80% Relative Humidity
Temperature (transit) (min/max)	-29°C to +50°C
Temperature (storage) (min/max)	5°C to 50°C
Relative humidity (transit/storage)	10% to 85% Relative Humidity
Minimum distance to walls	100 mm
Operating noise level	≤70 dB (A)
BTU	2217.89 BTU/h (650 J/s)

Emissions and boundary conditions

Overvoltage category to IEC 61010-1	II
Pollution degree to IEC 61010-1	2
Means of protection to IEC 61010-1	Class I
Degree of protection to IEC 60529	IP20
A-weighted noise level, measured at 1 m distance	≤70 dB (A)
EMC class	Class A

Throughput

Specimen slides per hour	240 slides/hr (with pre-installed Leica protocol)
Loading capacity	1
Unload/storage capacity	1

Rack

Slide rack capacity	30 slides
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Stations

Total number of stations	26
Total number of reagent stations	18
Wash stations	5
Reagent container volume	Max. 470 ml

For In Vitro Diagnostic Use

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Drawer	
Load stations	1
Unload stations	1
Oven	
Number of oven stations	1
Temperature of oven chamber	30 ~ 65°C
Wash stations	
Number of wash stations	5
Flow rate	8 l/m
Staining protocols	
Permanent memory capacity	100
Max no. of steps/program	25
Step duration	00 sec. ~ 99 min. 59 sec.
Fresh water connection	
Hose material	PVC
Hose length	2.5 m
Connection piece	G3/8
Inner diameter	10 mm
Outer diameter	16 mm
Internal supply pressure	Min. 1 bar/max. 6 bar
Required flow rate	Min. 12 l/min
Wastewater connection	
Hose material	PVC
Hose length	4 m
Inner diameter	32 mm
Outer diameter	36.8 mm
Drain principle	Gravity flow
Exhaust air	
Hose material	PVC
Hose length	2 m or 4 m
Inner diameter	50 mm
Outer diameter	60 mm
Exhaust performance	22.4 m ³ /h
Exhaust extraction	Active carbon filter and exhaust hose for connecting with an external exhaust system
Workstation	
Integration	Leica CV5030 Fully Automated Glass Coverslipper
Other specifications	
LCD (W x D x H)	235 x 5 x 143 mm

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