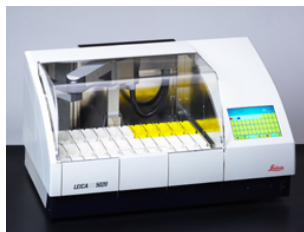


## Leica ST5020



Leica ST5020 Multistainer -- Automated Slide Stainer

047533623

Leica ST5020 Multistainer - Automated Slide Stainer  
Benchtop-Unit - 100-240 V/50-60 Hz

The Leica ST5020 Multistainer is a bench-top automated slide stainer designed for high throughput. At least 12 slide racks holding 30 slides each can be processed simultaneously. Continuous rack loading/unloading using up to 4 load/unload stations without opening the instrument lid. Of 36 reagent vessels, a maximum of 6 can be used as water baths with one of these having a separate connection, e.g. for distilled water. Several staining programs can be run simultaneously, and the reagent management feature automatically monitors the usage of reagent cleanliness to provide optimum staining results.

Color-coded slide rack clips (transponder) allow fully automatic staining while a status table displays all active stainings. Any overflow of the waste-water tray triggers an audible alarm and automatic closure of the supply water valve.

An integrated suction/fume control system with an activated carbon filter reduces user exposure to hazardous fumes.

The Leica Multistainer is programmed via a solvent-resistant color touch screen and can be connected to a remote alarm system.

An intelligent multi-language user interface combined with a graphical program display allows the operator to quickly become familiar with the instrument while ease-of-use is supported further by on-line help covering each individual menu step.

Data is saved and loaded via a memory card with a permanent memory for up to 25 programs of 40 steps each. Additional features include selectable incubation periods from 1 s up to 1 h and adjustable specimen agitation (number, speed and amplitude of agitation movements).

Additional options available include a connection to the Leica CV5030 coverslipper for automated coverslipping directly after staining, vessel inserts with reduced reagent volume and small slide racks for special stainings, two oven modules of 2 ovens each for de-paraffining (max. 70 °C) and heatable reagent vessels (up to 70 °C).

Dimensions (W x H x D):

- 1070 mm x 650 mm x 760 mm
- 42.13 x 25.59 x 29.92 inches
- 660 mm/25.98 inches from rear to front feet
- Dry weight: 90 kg, 198.42 lbs
- Nominal supply voltages:  
100-240 V/ 50-60 Hz
- Required ambient conditions to ensure functioning according to specifications:  
relative air humidity: max. 80 %, non-condensing  
ambient temperature: 15 °C to 40 °C

Options:

- Max. two oven modules
- Heatable vessel module (2 vessels)
- Special stain kit - incl. accessories
- Air evacuation hose
- Slide rack (metal)
- Adapter for Sakura, Medite, Shandon, Microm and Leica (20) racks
- Water station module - including:  
1 Wash vessel, 1 tap water inlet hose and  
1 V-filter

Standard delivery:

- 1 Basic instrument (0475 33623)
- 1 Activated carbon filter, assy. (0474 32273)
- 31 Reagent vessels, assy. (with handles and lids) (0475 33659)
- 5 Wash vessels, assy. (with handle) (0475 33660)
- 1 Accessory-Kit (0475 39617) consisting off:
  - 3 Reagent vessels, assy. (with handles and lids)  
- (0475 33659)
  - 1 Set of clips, assy. - red, pack of 5  
- (0475 33637)
  - 1 Set of clips, assy. - yellow, pack of 5  
- (0475 33633)
  - 1 Set of clips, assy. - white, pack of 5  
- (0475 33632)
  - 1 Set of clips, assy. - light blue, pack of 5  
- (0475 33634)
- 5 Slide racks, plastic (0475 33750)
- 1 Waste water hose, 4 m (0475 35748)
- 1 Tap water inlet hose, 2,50 m long, assy.  
- with 3/4" connection for water tap (0474 32325)
- 2 Gaskets for tap water inlet hose (0300 00132)
- 1 V-filter 3/4"-40/22 A6 (0456 36101)
- 1 Tubing band clamp, DIN 3017 (0422 31972)
- 1 Threaded nippel (0474 33063)
- 1 Set of power cords:
  - 1 Power cord "D" (0411 13558)
  - 1 Power cord "USA-C-J" (0411 13559)
  - 1 Power cord "UK" ST/BU F-5A (0411 27822)
  - 1 Jumper cable - mains (0411 34604)
- 1 Tool set:
  - 1 Screw driver 5,5 x 200 (0170 10702)
  - 1 Allen key, with handle, size 3

(0194 04764)  
-1 Allen key, with handle, size 4  
(0194 04782)  
-1 Allen key with handle, size 6 (0194 03959)  
-1 Single-head wrench, size 17 (0330 19641)  
-1 Single-head wrench, size 13 (0330 37628)  
1 Set of replacement fuses:  
-4 T 2A (6943 02001)  
-1 T 2.5A (6943 02501)  
-1 T 4.0A (6943 04001)  
1 Spirit level (0475 37629)  
1 Special O-ring grease, OHA, for valves and  
O-rings, 25 ml (0336 36657)  
1 Instruction Manual package Leica ST5020 Multistainer  
-G/E/F/S (0705 37103)