

Leica TP1020-- Automatic Tissue Processor



Leica TP1020 Tissue Processor for use in histopathology
100-240 V/50-60 Hz Part No 9102US01

Basic instrument with fume control and accessories

Benchtop unit movable on rollers
Carousel-type with 12 processing stations:
10 reagent stations, 2 wax baths. Connection for optional third wax bath.
Two plexiglass fume containment shields, surrounding the reagent container platform, repositionable at 360 degrees. Fume extraction fan. Activated carbon filters.
Aluminium reagent containers, solvent-resistant and dishwasher-proof with beaker carriers and minimum/maximum filling marks.
Aluminium standard tissue basket.
Membrane keyboard and LCD screen. Locking key to prevent inadvertent changing of programmed parameters.
Indication of station and program parameters such as number of tissue baskets, remaining infiltration time, real time, start time (delayed start time), overall run time and end of run time.
Audible alarms, error messages and warning codes for "paraffin solid" status. Manual and automatic mode of operation. 9 freely selectable programs. Infiltration time of up to 99 h 59 min, individually programmable for each station.
Immediate start and delay start up to 9 days.
Permanent tissue basket movement (can be switched ON/OFF) at 3 second intervals in both manual and automatic operation.
1 minute drain time between stations for reduced carry-over. Advanced safety concept.
Automatic immersion of tissue basket in a station in case of mains power failure.
Power failure indication including station number and time in excess of programmed infiltration time.
Automatic reheating of wax before basket transfer to a wax bath.
Crank for manual raising and rotation of carousel-for immediate tissue basket removal or transfer to the next station.

Technical Data:

-Admissions: CE, VDE, UL, c-UL
-Mains voltage: 100-240 V/50-60 Hz
-Relative air humidity: max. 80 %, non-condensing
-Cassette capacity: max. 80 cassettes

Dimensions:

-Carousel lid diameter: 820 mm / 32.28 inches
-Height: 595 - 780 mm / 23.43 - 30.71 inches
-Circle diameter described by the rollers: 610 mm / 24.02 inches
-Weight (including accessories): 60 kg / 132.16 lbs

Standard delivery includes:

1 Basic instrument
10 Aluminium reagent containers, 1,8l with beaker carriers (0422 30671)
2 Wax baths, 1.8 liters (0422 30665)
1 Standard tissue baskets (0422 30585)
1 Set of replacement fuses 2 x T 10.0 A
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 Screwdriver 5,5 x 200 (0170 10702)
1 Crank handle size 4 (0222 30663)
1 Instruction manual Leica TP1020 - G/E/F/S (0704 37100)
1 Activated carbon filter - Standard (0422 30673)
1 Activated carbon filter - Xylene (0422 30674)
1 Air evacuation hose, solvent-resistant, 4m long, 50 mm diameter (0422 31975)