

Histology Innovation for a NEW Generation

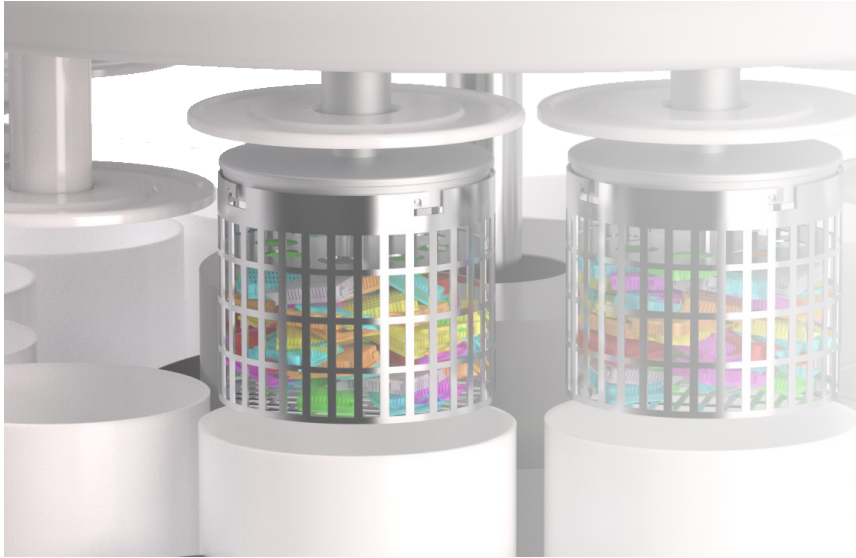
Tissue Processing

STP-120
SPINNING
Tissue Processor



Proven Technology. Superior Reliability.
Protecting Every Life Story In Your Lab.

The STP-120 SPINNING Tissue Processor ensures all your specimens receive optimal processing in order to deliver the best possible care. They enable your lab to deliver increased productivity, advanced specimen safety and highly accurate results.



Innovative New Level of Tissue Processing Delivers Enhanced Throughput and Accuracy

There's a patient's life story behind every tissue specimen your lab processes, and it's your job to ensure every life story receives the best possible care. The SPINNING Tissue Processor utilizes proven technology designed for the needs of today's lab - where increased reliability, efficiency, throughput, accuracy and safety are all critical factors for delivering the highest quality care to your patients.

✓ Proven Processing Technology Safely Accelerates Processing

Proven to last, the STP-120 uses an existing processing technique but adds a modern twist to efficiently and more accurately process tissue. Its patented movements safely reduce processing time while achieving perfect infiltration with every station.

Rotational Agitation: As a user defined option, this movement rotates the basket once every 60 seconds (60 rpm) then changes its rotational direction after each full cycle. The rotational agitation achieves perfect infiltration by creating uniform exposure to reagents while introducing agitation. For better results, combine Rotational Agitation with Shaking.

Shaking: As a user defined option, this moves the basket up/down to produce a slow, but controlled bobbing action. When combined with Rotational Agitation, it creates a Helicoidal flow of reagents which increases infiltration quality with a high degree of precision. At the end of a processing step, the basket begins to centrifuge.

Centrifuging: This function is design to eliminate carryover of reagents. The basket rises above the reagent level but resides within the vessel. For a period of 60 seconds it starts safely spinning to minimize reagent carryover, and then changes its rotational direction every 15 seconds.

✓ Ergonomic Instrument Panel

The buttons on the instrument panel are ergonomically arranged for easy-to-use navigation. The LCD display panel effectively shows all the parameters throughout the process, such as program number, vessel position, start time, start delay, total duration, remaining time, paraffin temperature, time and date.

✓ Battery Back-Up System Protects Tissue During Power Outages

During an unfortunate event of a power outage, the on-board battery backup continues processing to protect the specimens against desiccation and solid paraffin. When power is restored, the system resumes the program at the same point in which it was interrupted.



STP-120-3
 Spinning Tissue Processor
 2 stainless steel baskets +
 3 paraffin baths for processing
 up to 240 cassettes

Highly-Efficient Fume Extractor Provides Operator Safety

The STP-120-2 and STP-120-3 models incorporate a fume extraction system that utilizes an active charcoal filter to minimize fume exposure.

Alarms, Notification and Preventions During Program Deviations

In the case of an alarm, the STP-120 provides efficient audible, visual and display feedback an operator needs in a laboratory environment. Instead of an error code to reference, the STP-120 displays immediate feedback which is easily identified and understood in plain text. Once acknowledged, each message is logged and easily accessed by the user or service technician. To prevent inadvertent change of the process parameters during operation, the keyboard can be locked and unlocked by the user.



Components and Accessories



Active Charcoal Filter

Product Specifications:

Power Requirements		
Nominal Voltage	100-120V	220-240 VAC (±10%)
Network's Frequency	50/60 Hz	
Consumption	400VA	
Fuses	115 V(2xT4A)	230 V (2xT2A)
Battery Nickel-Cadmium	12 V 600 mA	
Dimensions		
Diameter	850mm	
Height	500 - 700 mm	
Diameter of the roller's circle	670 mm	
Weight		
Including packaging	145 kg	
Net (fully equipped)	70 kg	
Programming		
Number of programs	10 (selectable)	
Infiltration time per station	from 1 m to 99 h 59 m	
Rotational agitation	selectable	
Shaking	selectable	
Centrifuging time	selectable	
Program start delay	selectable without time limit	
Certification		
	CSA, CE	

Capacity	
Reagent Stations	
Number of vessels	10 (9 if 3 paraffin baths are used)
Volume per vessel	1,8 l
Paraffin Stations	
Number	2 (optionally 3)
Volume	1,8 l
Nominal voltage	24 VAC
Nominal power per station	100VA
Temperature setting range	50-70 °C
Over-temperature release	75 °C (±4 °C)
Cassette Baskets	
Number of baskets	1 (optionally 2)
Basket capacity	120 cassettes (optionally 240)

Related Products:

Consumables:	SHURMark® Cassettes, SHURTrack® Cassettes
Reagents:	POLYFin® Paraffin Wax, PARAGard® Paraffin Repellent, Alcohols, Formalin & Xylene Substitute
Instrumentation:	Paraffin Dispenser

How To Order:

STP-120-1 STP-220-1	Spin Tissue Processor. Standard instrument (basic instrument, 10 reagent vessels, 2 paraffin baths, 1 stainless steel basket for 120 cassettes, 1 tool kit and 1 user manual).
STP-120-2 STP-220-2	Spin Tissue Processor. 10 reagent vessels, 2 paraffin baths, 1 stainless steel basket for 120 cassettes, 1 tool kit, fume extraction system with charcoal filter and 1 user manual.
STP-120-3 STP-220-3	Spin Tissue Processor. 10 reagent vessels, 3 paraffin baths, 2 stainless steel basket for 240 cassettes, 1 tool kit, fume extraction system with charcoal filter and 1 user manual.

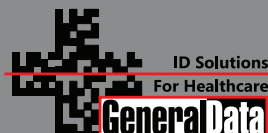
More Information

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www.general-data.com/hc

General Data Healthcare helps labs enhance productivity and improve workflow with innovative products, solutions and support that focus on delivering better patient safety & care.

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