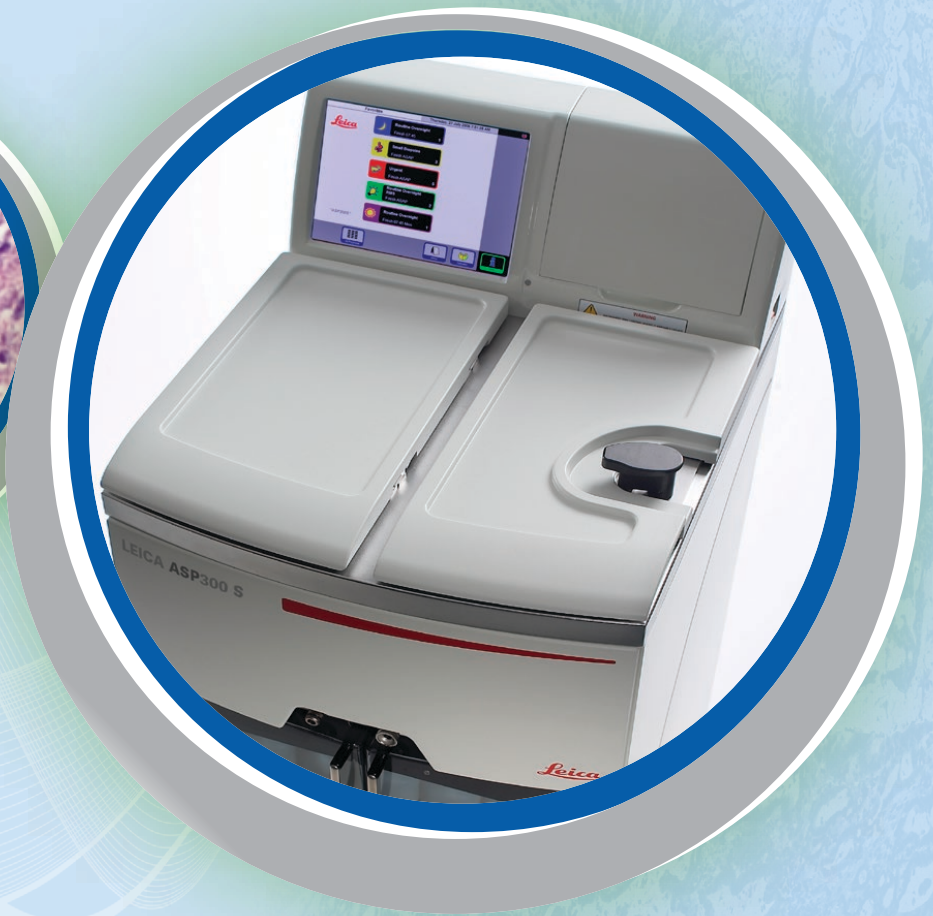
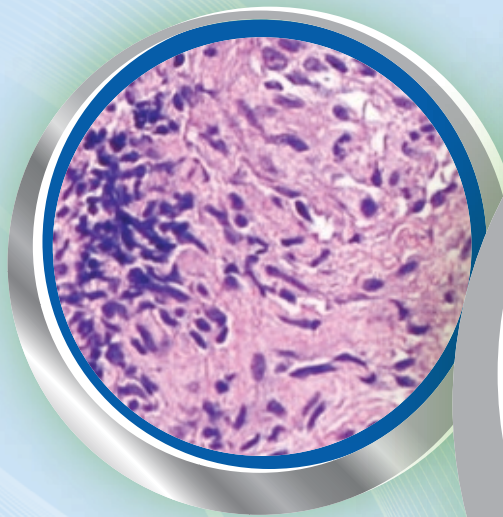


C O R E H I S T O L O G Y S O L U T I O N S

LEICA ASP300 S

AUTOMATED VACUUM TISSUE PROCESSOR








Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

LEICA ASP300 S

TISSUE PROCESSOR

The Leica ASP300 S tissue processor is designed for smart paraffin infiltration of tissue. Straightforward routine user operations and a variety of 'Smart' features, such as the Reagent Management System (RMS) and quick start for commonly used programs, improve specimen quality and laboratory economy.

	Routine Overnight Finish 07:45	1
	Small Biopsies Finish ASSP	3
	Urgent Finish ASAP	5
	Routine Overnight RMS Finish ASAP	2
	Routine Overnight Finish 07:45 Mon	1

SELECT YOUR FAVORITE PROGRAMS WITH EASE

Frequently used programs can be defined as 'Favorites'. A single touch of the touchscreen starts a favorite program, using the 'Smart Start' function. Smart Start automates the start of most common programs and allows the technician to perform scheduling functions, such as defining a delayed end time by extending certain program steps. Smart Start reduces user intervention, which improves operating reliability. Biopsy protocols are prestored to shorten turnaround time and reduce the need to level workflow in the laboratory. The Leica ASP300 S Tissue Processor is a smart investment for the efficiency of your laboratory.

FULL PROCESS CONTROL

The Leica ASP300 S Tissue Processor and the technician work together as a team. The technician has the freedom to set all critical program parameters and can further control tissue infiltration by modifying the pressure levels inside the retort, as needed. An active paraffin cleaning program removes solvent residues from the paraffin, lengthening its service life.

Real-time process data about key instrument settings, such as current filling status, temperature and pressure inside the retort, paraffin bath temperature, as well as status of the paraffin bath and retort heating systems is always available.

COMPREHENSIVE SPECIMEN PROTECTION

A comprehensive, intelligent safety system reliably protects the specimens. The system even applies the best contingency plan for successful tissue processing, should anything unexpected occur; for example, a power failure or operating errors such as missing or under-filled reagent bottles.



Station	Reagent	Blocks Since Changed	Cycles Since Changed	Days Since Changed	Blocks Since Cleaned	Cycles Since Cleaned	Days Since Cleaned	Status
1	Formalin	0	0	1725				Full
2	Ethanol 70%	0	0	1725				Full
3	Ethanol 90%	0	0	1725				Full
4	Ethanol Absolute	0	0	1725				Full
5	Ethanol Absolute	0	0	1725				Full
6	Ethanol Absolute	0	0	1725				Full
7	Ethanol Absolute	0	0	1725				Full
8	Xylene	0	0	1725				Full
9	Xylene	0	0	1725				Full
10	Xylene	0	0	1725				Full
11	Cleaning Xylene	0	0	1725				Full
12	Cleaning Ethanol	0	0	1725				Full
13	Cleaning Water	0	0	1725				Full
13 Exit								
Wax(1)	Histowax	0	0	1725	0	0	1725	Full
Wax(2)	Histowax	0	0	1725	0	0	1725	Full
Wax(3)	Histowax	0	0	1725	0	0	1725	Full

INTUITIVE USER INTERFACE

The Leica ASP300 S tissue processor user interface is easy to learn and operate. Available in many different languages with intuitive graphics, the software of the Leica ASP300 S tissue processor, operated via a color touchscreen, guides the technician safely and smoothly through the tissue processing program.

AUTOMATED RECORDING OF PROCESSING DATA

The enhanced Reagent Management System and printable data tracking assists the laboratory to comply with accrediting agency regulations and QC requirements. All important data from each process step is automatically logged into a data file and can be downloaded to a disk or printed. The two-level password security system ensures that only authorized personnel can operate the Leica ASP300 S tissue processor.

ENHANCED REAGENT MANAGEMENT SYSTEM

The Reagent Management System (RMS) allows critical data to be assessed at a glance. The RMS ensures that all reagents and paraffin are automatically used in the order of cleanliness. The user-programmable warning thresholds automatically indicate, in a timely manner, when reagents need to be changed. To fill or drain the color-coded reagent bottles, the technician simply selects the desired bottle in the menu, and the RMS automatically takes care of the fill/drain process. For documentation and evaluation purposes, reagent and specimen data can be exported and saved into word processing or spreadsheet programs and printed.

MICROWAVEABLE TISSUE CASSETTE BASKETS

The new plastic cassette baskets are suitable for micro-wave-assisted specimen fixation. The convenient basket hook transports three baskets at a time.



KEY FEATURES

- Optionally usable Reagent Management System (RMS) displays service life and usage frequency of the individual reagents. Enables automatic definition of the reagent sequence – no more need to rearrange reagent containers.
- Liquid movement (“wave motion”) during the process for better and continuous mixture of the reagents.
- System for non-contact filling/draining of reagents – drains and fills the reagent container using a hose connected to the infiltration module without the operator being exposed to reagents in the process.
- Non-contact wax bath drainage.
- Active paraffin cleaning program – removes solvent residue from the paraffin, lengthening its service life.
- Magnetic stirrer – for gentle circulation of the reagents, thus ensuring a uniform reagent temperature.
- Programmable end time for infiltration programs.
- 3-step drainage of the retort (adjustable) to reduce reagent displacement.
- Infiltration process at ambient pressure, with pressure, vacuum, or a combination of both.
- 4 user-defined cleaning programs.

LEICA ASP300 S SPECIFICATIONS:

Dimensions	68 x 59 x 132 cm (27 x24 x 52 in.)	Average paraffin melting time approx.	10 hours
Weight (Instrument Only)	160 kg (352.74 lbs)	Paraffin temperature range	40-65°C
Max capacity - metal basket	300 cassettes	Number of reagent bottles	10
Max capacity - microwaveable plastic basket	252 cassettes	Reagent bottle volume	4.3 L each
Number of paraffin baths	3, connected directly to the retort	Clean cycle bottles	3, plus 1 external
Paraffin bath volume	4.3 L each		

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Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of “Advancing Cancer Diagnostics, Improving Lives” is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit [LeicaBiosystems.com](https://www.leicabiosystems.com) for more information.

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