Leica ASP300 S
Superior Specimen Quality, Every Time!
Automated Vacuum Tissue Processor
The Leica ASP300 set a new standard for specimen quality and reliability in automated tissue processing. Ongoing research and development work with enhanced processes and system components now reflects the latest in state-of-the-art technology:

**Leica ASP300 S**

The Leica ASP300 S, designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of tissue. Proven, enhanced technology and the intuitive user interface are hallmarks of the ASP300 S. 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. Once again the Leica ASP300 S sets a standard. Leica Biosystems’ application of state-of-the-art engineering and manufacturing technology, combined with top quality components, continues to bring superior specimen processing to your laboratory.
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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. Another feature: rapid protocols for biopsies are pre-stored to shorten turnaround time and eliminate the need to level workflow in the laboratory.

High-quality specimens, every time
The Leica ASP300 S is designed to reliably deliver high-quality specimens – every day of the year and for many years to come. Superior process control, functional design, and precise temperature control are just a few of the features that ensure optimum specimen quality.

The Leica ASP300 S is a smart investment for the efficiency of your laboratory.
**Retort:** –35 kPa, 20°C  
**Wax:** 50  
**Level sensor:** Not full  
**Heaters:** retort Off, wax Off  
**Lid:** Closed

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### Easy-to-use Software

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

### Built-in quality assurance

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.
Enhanced Reagent Management System
The comprehensive 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. The RMS ensures high-quality specimens and simultaneously reduces the cost of instrument operation through economic reagent usage. 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 microwave-assisted specimen fixation. The convenient basket hook transports three baskets at a time.

RemoteCare
Real-time application and service support
Tissue Processor downtime dramatically impacts the efficiency of your laboratory and the quality of tissues. To help maximize uptime and the performance of your most critical process step, tissue processing, Leica Biosystems takes service and application support to the next level. The Leica ASP300 S offers RemoteCare, a patented, secure software program that provides real-time application and service support. The possibility to diagnose system problems remotely with reasonable accuracy helps customers prevent issues that can cause downtime and specimen loss.

RemoteCare monitors the ASP300 S in real-time, captures instrument data, and proactively resolves potential problems. This is accomplished through an internet connection from the on-board computer of the ASP300 S (direct or proxy server connection to the ASP300 S is required). Privacy is always protected by the RemoteCare service. Access to any customer data is blocked. RemoteCare service can be installed during the installation of the ASP300 S or during a routine engineer visit. Also, you can upgrade your ASP300 S to RemoteCare at anytime.
Built to Last

“Made in Germany”, the Leica ASP300 S is built to last and represents state-of-the-art engineering and production technology. Reliability and long-term cost-savings make the Leica ASP300 S the new standard in automated tissue processing.

1 Comprehensive monitoring and documentation
The Leica ASP300 S is equipped with a printer port that documents all program runs and settings for subsequent evaluation and/or printing. This comprehensive documentation system is capable of creating records to comply with all current quality control standards.

2 Active paraffin cleaning cycle
A simple touch of the screen reduces the concentration of solvent contaminants in the paraffin. An active extraction process ensures efficient paraffin cleaning, which extends paraffin life, improves tissue quality, and reduces operating costs.

3 Fully enclosed fume system
A smart internal air handling system supports to keep contaminated air inside the instrument. Most of the fumes are condensed and collected in a designated container. An activated carbon filter further reduces remaining fumes. This is one of Leica Biosystems many safety enhancements for an improved environment.

4 Improved cabinet design
The cabinet is designed to offset any fluctuations in the sizes of the reagent bottles so that bottle installation and removal can always proceed smoothly. An easily accessible drip tray catches reagent spills and protects the laboratory environment.

5 Ergonomic design provides easy accessibility
Ample surface space is available on the paraffin bath and the retort lid to facilitate the exchange of paraffin or cassette baskets. The retort lid’s safety lock is safely opened and closed with one hand. All user-relevant functions, work areas, and connections are easily accessible. These include the hose connections for remote fill and drain of reagents and/or paraffin, the printer port, the serial port, and the connectors for the local and external remote alarm.

6 Remote Fill and Drain enhances user safety
Remote Fill and Drain provides contact-free reagent handling for enhanced user safety. The external hose system conveniently drains reagents and paraffin. Filling the reagent bottles is safe and easy. The remote fill system ensures that reagent bottles are always filled to the correct fluid level with no under-filled bottles. The result: maximum user protection and tissue quality with minimum operating errors.
**Key Features**

- Easy-to-learn and operate user interface
- Simplified software with context-sensitive online help feature
- Remote Care for real-time application and service support
- Comprehensive safety system with innovative reagent compatibility check
- Instrument performance control
- Remote Fill and Drain feature
- Enhanced Reagent Management System (RMS)
- Precise temperature control and reagent agitation for short protocols
- 4 user-defined cleaning programs
- Active paraffin cleaning program
- Two-level password security
- Comprehensive documentation options
- Durable construction, which incorporates leading-edge technology
Contact your Leica Biosystems representative for a full range of consumables for the Leica ASP300 S Tissue Processor.

**LEICA BIOSYSTEMS**

Leica Biosystems is a global leader in workflow solutions and automation, integrating each step in the workflow. 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 and is headquartered in Nussloch, Germany.

Contact your Leica Biosystems representative today to learn more about the Leica ASP300 S Tissue Processor.