

Leica

BIOSYSTEMS

Leica BOND-III

Fully automated IHC & ISH

Quality. Speed. Efficiency.



QUALITY

Increase diagnostic confidence

SPEED

Provide answers sooner

EFFICIENCY

Help more patients and lower costs



Connect

Reduce work and potential errors

Leica BOND-III connects easily to common LIS systems and the Leica CEREBRO sample tracking system. You can also interconnect an unlimited number of BOND instruments to a single information point.

- Leica BOND LIS-ip
- Leica CEREBRO

Select

Choose the ideal reagents

Novocastra™ BOND reagents provide exceptional quality while reducing preparation work. Access the full range of Novocastra antibodies and probes or select third-party antibodies.

- Novocastra BOND reagents
- BOND Polymer Refine Detection

Refine

Unrivalled service and support

Call Leica Biosystems' IHC and ISH scientific experts for help with applications knowledge, Lean workflow analysis or flexible programs for preventative maintenance and responsive instrument support.

- Applications advice
- Lean support
- Flexible maintenance contracts

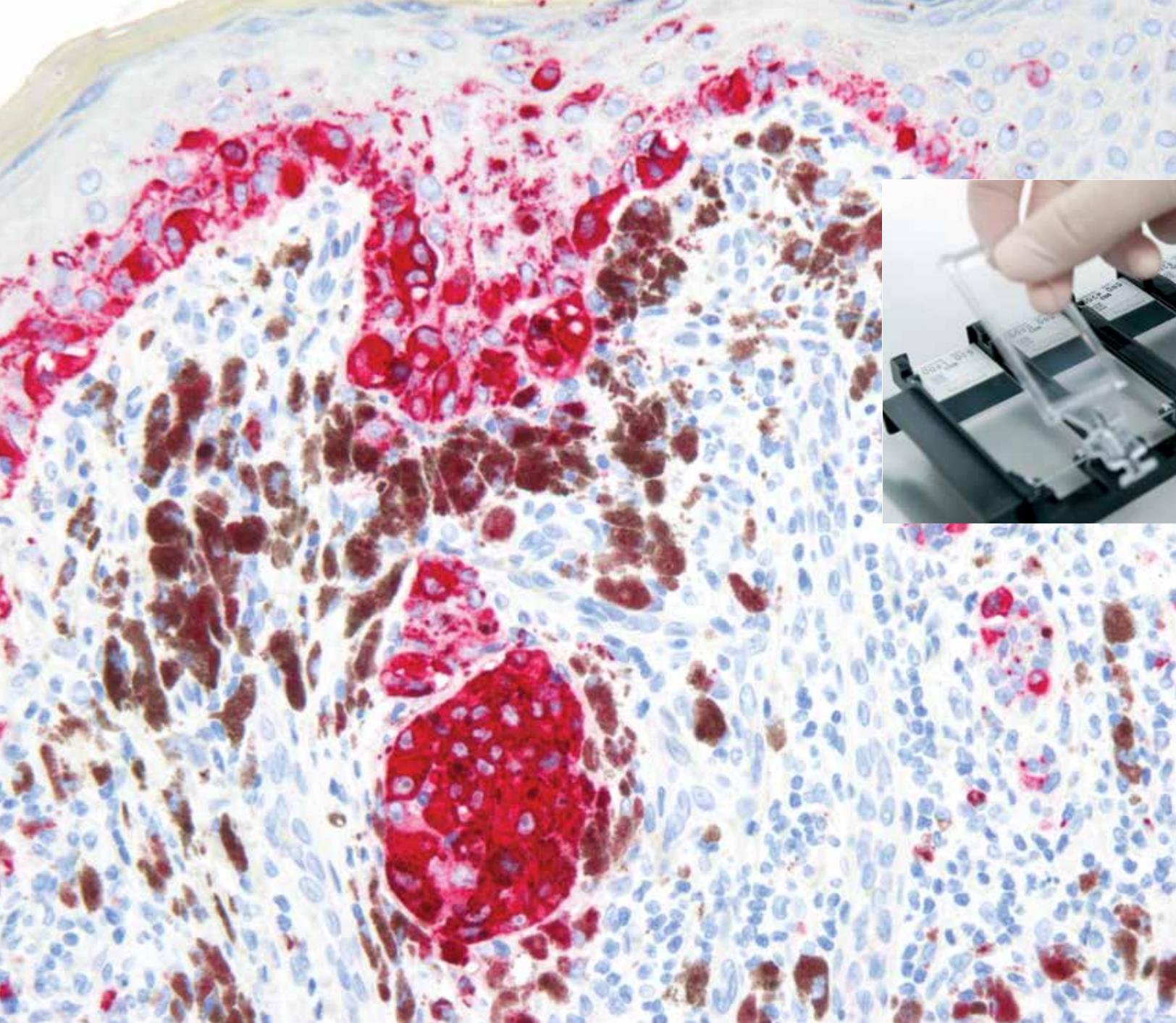


Leica Biosystems integrates all aspects of advanced staining with the options you need for a tailored solution to IHC and ISH staining.

Behind every sample in your laboratory there is a patient needing answers.

Each year more people wait anxiously for life-changing results. They rely on your quality for an accurate diagnosis. They depend on your efficiency to avoid delays. And they hope for increased speed to get critical answers, and start vital treatment, sooner.

Tissue-based diagnostics plays a crucial role in many lives and a dedication to quality, speed and efficiency will make a real difference. It's how modern histology helps patients receive the best possible care, and the greatest chance of effective treatment.



Total Tissue Care

Protect patient tissue. The unique Leica BOND Covertile™ system provides the utmost care for valuable specimens. Unlike other automated stainers, Leica BOND has very gentle reagent application and incubation protection that minimizes tissue damage and reduces the potential for costly repeats.

Clarity and Accuracy

You'll find it easier to deliver diagnostic quality staining using Novocastra BOND reagents. Specifically developed for Leica BOND using Leica's in-house Novocastra staining science, these pre-optimized reagents deliver exceptional performance and consistently score highly on EQA schemes throughout the world.

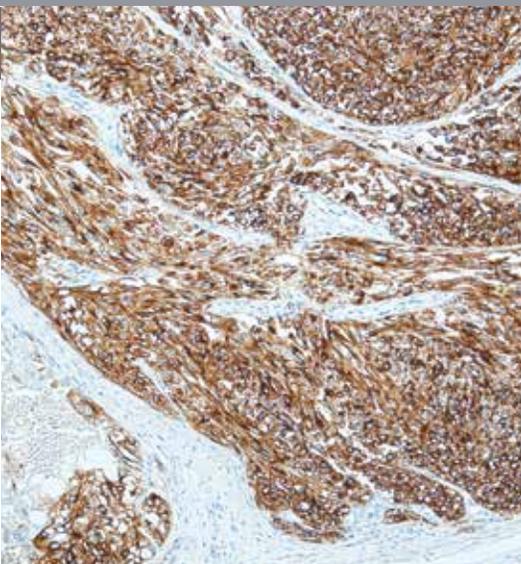
Complete Consistency

Automation and standardization remove process variation and deliver unrelenting consistency. Leica BOND-III provides full onboard IHC and ISH automation plus laboratory-controlled protocol standardization to help you meet regulatory requirements and deliver the consistent staining pathologists expect.



QUALITY

Leica BOND-III helps you create the diagnostic confidence that pathologists demand and patients need. Optimized Novocastra BOND reagents create clarity. Covertile™ technology optimizes tissue care. Full automation ensures consistency. With Leica BOND-III reducing repeats and standardizing staining, pathologists receive the high-quality slides that help ensure patients get accurate answers.





Faster

Finish slides earlier. Leica BOND-III is 50% faster than previous generation stainers. So you can save time in your laboratory, and patients can start their treatment sooner.

Continuous

Your work flows when you are both flexible and organized. With three independent slide trays, each Leica BOND-III is effectively three stainers in one instrument. So you have the flexibility of continuous processing while keeping your slides together to reduce sorting.

Always Ready

Quickly process urgent slides. When there is no time to prepare, Leica BOND-III is already poised to run your STAT slides. Continuous processing means a spare tray is never far away while ready-to-use reagents eliminate preparation work – just load and run.



SPEED

Help anxious patients get critical answers sooner. With the speed and organization of Leica BOND-III, you can expedite urgent samples, decrease turnaround times and finish more slides each day. By increasing throughput, you help pathologists cut waiting times so critical patient treatment is not delayed.





Easy to Set Up

Expand your case load. A complete IHC/ISH staining solution, Leica BOND-III simplifies connectivity, reagent setup and protocol management. Pre-optimized Novocastra BOND reagents and factory protocols let you quickly adopt new markers while error and labor reducing connectivity facilitate increased throughput.

Easy to Run

Keep your work flowing by eliminating complexity. Operators find Leica BOND-III easy to use so runs are quickly configured while ready-to-use reagents reduce prep work to simply scan, load and start. Plus, organized and flexible three-tray scheduling means it's easy to avoid bottlenecks in your daily workload.

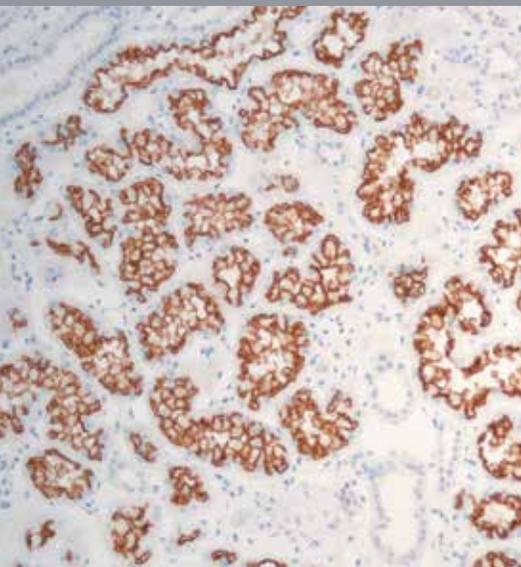
Easy to Maintain

Reduce running costs, cut downtime and have more time for productive staining. Leica BOND-III requires virtually no daily maintenance thanks to high-capacity, easy-fill reagent containers, real-time reagent volume management and exceptionally low waste volumes.



EFFICIENCY

Increase efficiency and cut costs while eliminating bottlenecks and work backlogs. Leica BOND-III significantly reduces maintenance and manual work while promoting streamlined workflows. With less waste and Lean workflows, your laboratory will be well positioned for increased slide volume as your existing resources deliver more slides in less time.



System Specifications

Dimensions	775 mm (W) x 1359 mm (H) x 785 mm (D) 30.5 in (W) x 53.5 in (H) x 30.9 in (D)
Weight (dry)	246 kg 542 lb.
Slide capacity	30 slides Finished trays (10 slides) may be replaced continuously
Reagent container capacity	7 mL and 30 mL
Number of reagent containers	36 reagents
Bulk reagent container capacity	2 L or 5 L
Hazardous waste container capacity	5 L
Standard waste container capacity	2 x 5 L
Operating voltage	100 to 240 V~
Mains frequency	50/60 Hz
Power consumption	1200 VA
Maximum operating temperature	35 °C (95 °F)
Minimum operating temperature	5 °C (41 °F)
Temperature required to meet staining performance requirements	18–26 °C (64–79 °F)
Operating humidity (noncondensing)	10 to 80% RH
Operating altitude	0 to 1600 m (5250 ft.) above sea level
Sound pressure level output (at 1 m)	< 85 dBA maximum < 65 dBA normal operation

Quality



1. Optimized BOND Reagents

A full range of Novocastra BOND reagents provides the ideal match of consistent quality and effortless workflow.



2. Covertile Technology

Unlike other systems, Leica BOND is gentle on the tissue and ensures total tissue care with exceptionally low dispense and waste volumes.



3. Parallel Automation

Inside Leica BOND-III there are four very active robots simultaneously moving, dispensing and ensuring high throughput and rapid turnaround.



4. Continuous Processing

Leica BOND is effectively three independent stainers in one instrument - the ideal balance of flexibility and organization.



Efficiency



5. Low Maintenance

Less downtime, more productive staining. Leica BOND-III has virtually eliminated daily maintenance with innovative features such as large, easy-fill containers.





TOTAL HISTOLOGY SOLUTIONS

High-quality IHC and ISH staining depends upon expert tissue preparation and sectioning. With a broad range of histology instruments, consumables and applications knowledge, Leica Biosystems offers research-specific histology solutions that will help you efficiently prepare high-quality sections for advanced staining.

- Tissue preparation
- Sample identification and tracking
- Tissue processors, cassettes and paraffin wax
- Embedding centers, accessories and paraffin wax
- Microtomes, blades and slides
- Coverslippers, mountants and coverslips
- Microscopy and imaging solutions
- Expert service and support
- Ongoing maintenance support



Leica Biosystems brings together products, quality and support. Offering a complete solution that helps you advance workflows, enhance diagnostic clarity and deliver what really matters – better patient care.

LEICA BIOSYSTEMS

Leica Biosystems is a global leader in workflow solutions bringing histopathology laboratories and researchers the highest quality, most comprehensive product range in anatomical pathology. With complete histology systems featuring innovative automation, Novocastra™ reagents and Surgipath® consumables, Leica Biosystems offers the ideal product for each histology step and high-productivity workflow solutions for the entire laboratory.

Leica Biosystems – an international company with a strong network of worldwide customer services:

North America Sales and Customer Support

North America	800 248 0123
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Asia/Pacific Sales and Customer Support

Australia	1800 625 286
China	+85 2 2564 6699
Japan	+81 3 5421 2804
South Korea	+82 2 514 65 43
New Zealand	0800 400 589
Singapore	+65 6779 7823

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