



# Leica BOND RX – Fully Automated IHC & ISH

**Quality. Speed. Flexibility.**

Research Use Only. Not for use in diagnostic procedures.

# Quality

Clarity that enhances insight

# Speed

More slides, more opportunities

# Flexibility

The freedom of open research



## Total Freedom

### Choose the ideal reagents

There are no limits to the reagents you can use on the truly open Leica BOND RX . Freely select Novocastra BOND reagents or any other antibody, probe or detection component.

- Novocastra BOND reagents
- Novocastra manual reagents

## Total Assistance

### Receive unrivalled support

Call Leica Biosystems' IHC and ISH research experts for help with instrument setup, applications knowledge and responsive service.

- Training and protocol development
- Applications advice
- Flexible maintenance contracts

## Total Research

### Create a total research solution

Because researchers need specialized instruments and consumables, Leica Biosystems supports you with research-specific histology and microscopy systems including:

- Cryostats and microtomes
- Microscopes
- Scanning and imaging solutions



With over 12 million people diagnosed with cancer every year\*, new insights that lead to better treatments will significantly improve many lives.

The answers are there to be discovered if the barriers to innovation are removed.

You need the flexibility to explore new possibilities, clear results to ensure nothing is missed and rapid, cost-effective systems that let you perform more tests.

Clear the path to discovery and life-changing breakthroughs become closer than ever before.



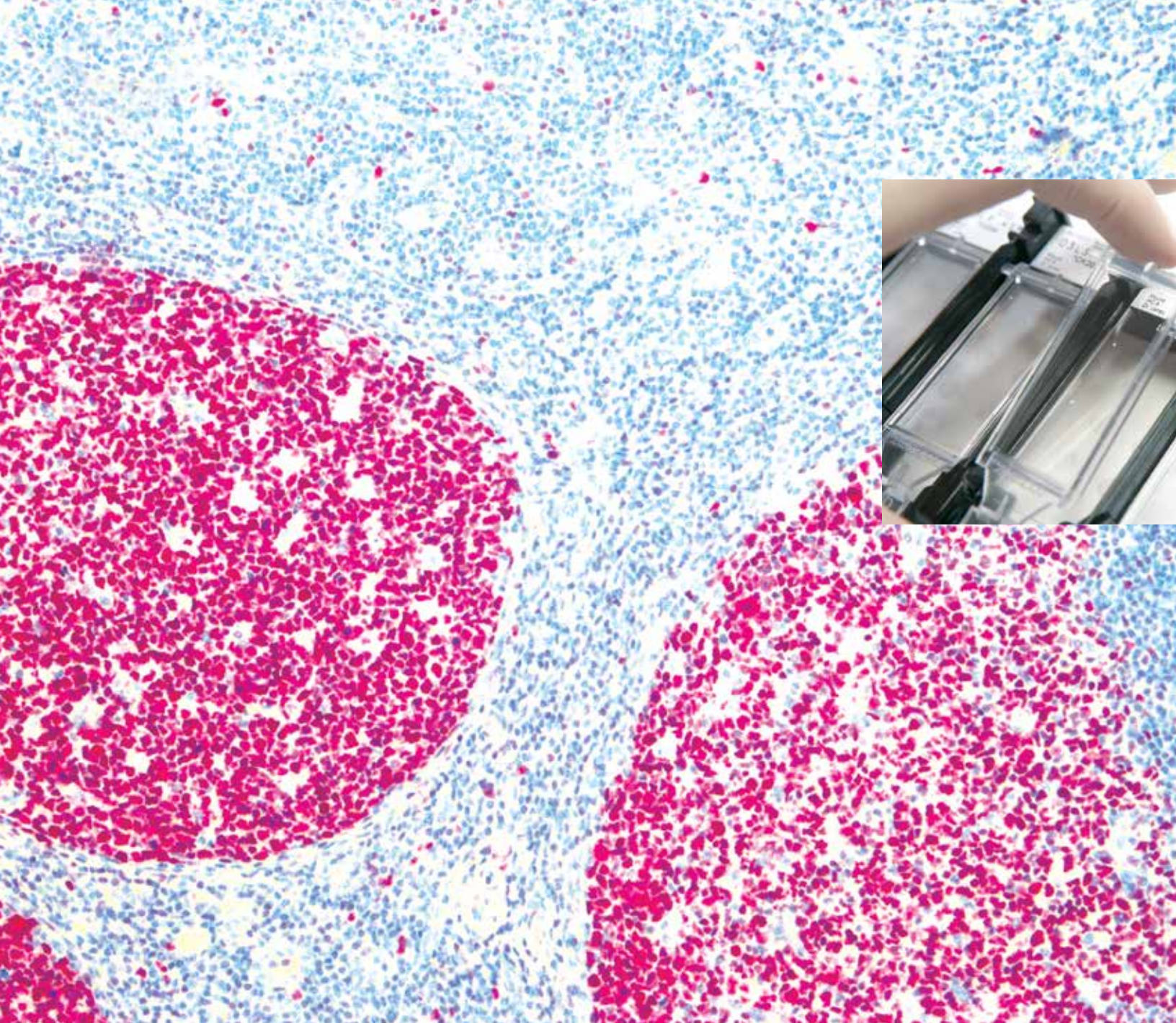
Total **IHC AND ISH**  
Solutions

Leica BOND RX is part of a complete research solution that gives you the freedom to discover.

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\* GLOBOCAN 2008  
Cancer Incidence and Mortality Worldwide in 2008





### Clarity and Accuracy

Choose Novocastra BOND reagents to make it easier to deliver high-quality staining. Specifically developed for Leica BOND using Leica's in-house Novocastra staining science, these pre-optimized reagents deliver exceptional performance with minimal preparation.

### Complete Consistency

No matter what reagents you choose, the fully automated Leica BOND RX will standardize your staining to remove process variation and deliver unrelenting consistency. Leica BOND RX provides full onboard IHC and ISH automation with both Leica and laboratory protocols.

### Total Tissue Care

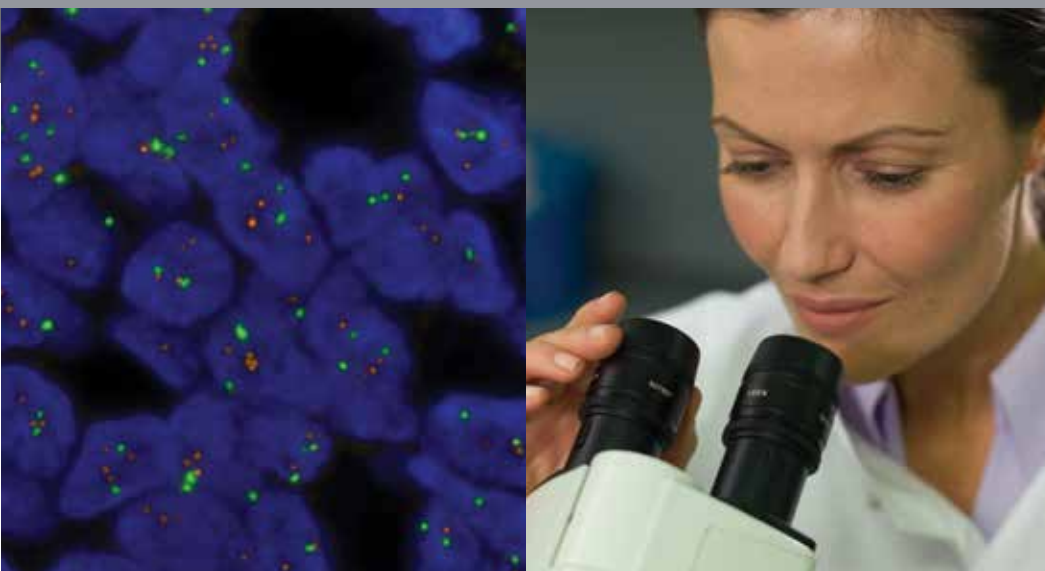
Protect valuable tissue. The unique Leica BOND Covertile™ system provides the utmost care for valuable specimens. Unlike other automated stainers, Leica BOND has very gentle reagent application and incubation protection that minimizes the potential for tissue damage and costly repeats.





# QUALITY

Make sure you see the whole picture. Leica BOND RX consistently provides the high-quality results that let you clearly analyze every stain so vital information is not overlooked, and every section gets you one step closer to new insights.





### Faster

Finish slides earlier. Leica BOND RX is 50% faster than previous generation stainers. So you can process more slides in a day, gain a rapid understanding of the possibilities of your latest trials, and reach critical answers sooner.

### Continuous

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

### Ready for More

As your research program grows, so does Leica BOND. With the ability to connect up to five Leica BOND RX instruments to a single data collection point, you are free to expand capacity so your research never slows down.



# SPEED

Find answers sooner. With speed and organization, Leica BOND RX lets you stain more slides daily. This gives you the freedom to explore more possibilities, test more theories, and make that critical breakthrough sooner.





### Truly Open

Always use the antibodies, probes and detection components that best suit your research. Leica BOND RX is a truly open system so you are free to choose the reagents that provide the most accurate results in the most cost-effective manner.

### Fully Flexible

You are free to explore with the easy-to-use Leica BOND RX software. You can use Leica protocols for pre-defined consistency, or freely create your own custom protocols when your research calls for something special. New insights require innovative thinking and with Leica BOND RX you're not locked into conventional methods.

### Cost Effective

Control costs and do more research with your existing budget. Leica BOND RX requires virtually no daily maintenance and has extremely small reagent dispense volumes so you can spend less time and money on overheads, and more on making critical discoveries.





# FLEXIBILITY

Eliminate barriers to discovery. Important research should never be held up by mandated reagents. So Leica BOND RX has truly open reagents and allows protocol customization. With Leica BOND RX dispensing your reagents in the sequence you choose, you are free to uncover scientific breakthroughs faster, and more cost-efficiently.



## 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



## Flexibility



## Quality



### 1. Open Reagents

Leica BOND RX open containers make loading and running your reagents easy and cost-effective. This truly open system lets you choose antibodies, probes and detection components from any source.

### 2. Custom Protocols

Control dispense sequences, incubation times and temperature settings with the Leica BOND RX protocol editor. This flexibility, along with open reagents, gives you complete freedom over your IHC and ISH staining.

### 3. Covertile Technology

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

### 4. Continuous Processing

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



**Speed**



### 5. Parallel Automation

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

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**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:

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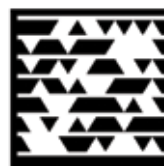
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Download the free mobile app at <http://gettag.mobi>, then scan this tag.

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