BenchMark XT automated slide preparation system

offers the flexibility needed to expand your test menu, process more slides, and improve your turnaround times.

Our fully automated, random-access platform allows you to simultaneously run IHC and ISH tests and process patient cases—all at once.

What's on YOUR mind?

I need faster turnaround times and greater efficiency.

 Increase your slide throughput by 25%, and eliminate up to 80% of manual tasks (compared to manual and semi-automated staining processes)

I need to provide consistent high-quality stains so physicians can make accurate diagnoses.

 Improve consistency and reproducibility for IHC, ISH, and FITC applications on a fully automated platform with precisely controlled, baking-through-staining technology

I need greater flexibility.

- Process your IHC, ISH, and FITC steps independently or simultaneously
- Optimize your protocols with flexible options including variable incubation times and temperatures

I need to free technicians' time for value added work.

- Eliminate manual steps associated with baking, deparaffinization, and antigen retrieval with walk-away automation
- Simplify IHC and ISH processing through barcode-driven technology, coupled with pre-diluted antibodies and probes

I need to mitigate risk and reduce errors in my lab.

 Eliminate the potential for errors with barcode-driven technology that match protocols and reagents to patient slides



Patients inspire us. Science guides us. Innovation advances us.





Better together

Install the BenchMark XT platform with the VANTAGE workflow system for complete chain of custody.

Maximize stain quality with prediluted, optimized reagents specially made for use on the BenchMark XT.

Patient Focused Solution



SPECIFICATIONS

General Characteristics

Fully automated Baking, deparaffinization, cell conditioning and staining, including IHC, ISH, SISH, FITC,

IHC (dual, triple), counter-stain, and titration

Slide Tray BenchMark XT 1-30 slides with independent temperature control for each position

Reagent Carousel 35 reagent positions

Slides 25 x 75 mm, 1 x 3 inches or 26 x 76 mm Superfrost Plus

Bulk Reagents Up to 7 different bulk reagents in 3 to 6-liter on-board containers
DI Water Supply NCCLS Type II water or equivalent (referred to as deionized water)

Temperature Control 37° C to 100° C ± 2.0° C

Modularity 1-8 BenchMark XT, BenchMark, NexES IHC, NexES SS, or DISCOVERY systems may be controlled

from one PC (excluding BenchMark ULTRA)

Configuration Floor unit
Certifications CSA and EMC
Catalog Number N750-BMKTX-FS

Unique Features

BTS - Fully automated, baking-through-staining technology

• 60 slides per 8-hr. shift

Random-access platform-process ISH and IHC simultaneously

Environmental Requirements

BTU/Hour Output 400 BTU/Hr idle, 1000 BTU/Hr running

Room Temperature 20°C to 32°C (68°F to 90°F)
Humidity 10% to 90%, non-condensing

Electrical Specifications

 Voltage
 120 VAC ± 10%

 Current
 6 amps

 Frequency
 60 Hz

Physical Characteristics

Size (W x D x H) 35" x 26" x 60.25" (88.9 x 66.0 x 153.0 cm)

Weight 385 lbs. (175 kg)

Clearances Top Sides Rear

15" (38.1 cm) 4" (10.2 cm) 6" (15.2 cm)



Ventana Medical Systems, Inc. 1910 E. Innovation Park Drive Tucson, Arizona 85755 USA +1 (520) 887 2155 (800) 227 2155

www.ventanamed.com

© 2010

VENTANA, the VENTANA logo, BENCHMARK, DISCOVERY, NEXES and VANTAGE are trademarks of Roche. N214 0910E