

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.

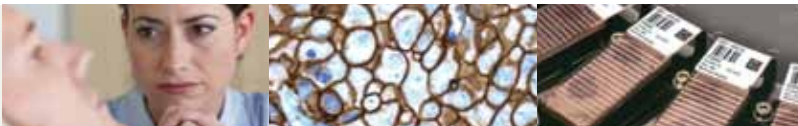
- Eliminate the potential for errors with barcode-driven technology that match protocols and reagents to patient slides



Better together

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

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



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

Patient Focused Solution

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)



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