

BenchMark GX platform

Specifications

BenchMark GX IHC/ISH automated staining instrument specifications

General characteristics

Slide tray	VENTANA BenchMark GX 1-20 slides with independent temperature control for each position
Capability	IHC, ISH, SISH, Dual ISH, and FITC slide processing
Reagent carousel	25 reagent positions
Slides	25 x 75 mm, 1 x 3 in or 26 x 76 mm positively charged slide
Modularity	1-8 BenchMark GX, VENTANA BenchMark XT or VENTANA DISCOVERY systems may be controlled from one computer (excluding VENTANA BenchMark ULTRA IHC/ISH automated staining and VENTANA BenchMark Special Stains instruments)
Water quality	NCCLS Type II water or equivalent (referred to as deionised water)
Bulk reagents	Up to seven different bulk reagents in 3-6 litre on-board containers
Configuration	Floor model
Certifications	EN 60825-1, EN 61010-1, EN 61010-2-081, EN 61010-2-010, EN 61010-2-101, EN 61326-2, EN ISO 13485:2003

Temperature control

Temperature range	37°C to 95°C + 2.0°C (98.6°F to 203°F)
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Environmental requirements

Heat	1200 BTU/hr
Operating temperature	15°C to 30°C (64°F to 86°F)
Humidity	10% to 90%, non-condensing
Location	Flat, level surface. No direct sunlight or drafts. Remove from sources of direct heat and moisture. Maximum altitude 1828m (6000 ft+) above sea level. For indoor use only. Do not position the instrument so that it is difficult to remove the main plug from the power outlet.

Electrical specifications	Staining module	AFM (100v)	AFM (120v)	AFM (230v)
Voltage	100-120/ 200-240 VAC	~100 VAC	~120 VAC	~230 VAC
Current	4/2 Amps	2 Amps	4 Amps	2 Amps
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Fuse	6.3 Amps 250V 5 x 20 mm, fast acting	2.0 Amps 250V 5 x 20 mm, time lag	6.3 Amps 250V 5 x 20 mm, fast acting	6.3 Amps 250V 5 x 20 mm, fast acting
Power connection	Grounded cord suited to country.			

Physical characteristics	Staining module	Automated fluidics module	Base cabinet module
Size (W x D x H)	40.5 cm x 54.6 cm x 34 cm (16 in x 21.5 in x 13.5 in)	50.8 cm x 54.6 cm x 38.1 cm (20 in x 21.5 in x 15 in)	50.8 cm x 54.6 cm x 52.1 cm (20 in x 21.5 in x 20.5 in)
Weight	25 kg (55 lbs)	26.4 kg (58 lbs)	13.6 kg (30 lbs)
Clearances	Top 38.1 cm (15 in) Sides 10.2 cm (4 in) Rear 15.2 cm (6 in)	Top 0.0 cm (0.0 in) Sides 10.2 cm (4 in) Rear 15.2 cm (6 in)	



BenchMark GX

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