

BenchMark ULTRA Automated Slide Preparation System Specifications

General Characteristics

Capability	Automated Baking, Deparaffinization, Cell Conditioning and Staining, including IHC, ISH, SISH, FITC, Multiparameter Staining (Dual, Triple); Titration
Slide Carousel	1 - 30 slides with independent processing/functionality and temperature control for each position
Reagent Carousel	35 reagent positions
Slides	25 x 75 mm, 1 x 3 inches or 26 x 76 mm
Modularity	One to eight staining systems may be controlled from one BenchMark ULTRA computer system
Water Quality	S/B NCCLS Type II water or equivalent
Bulk Reagents	Up to 7 different bulk reagents in 3 to 6 liter on-board containers
Configuration	Free standing
Certifications	CSA and EMC compliant
Catalog Number	N750-BMKU-FS

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
Location	Flat, level surface. No direct sunlight or drafts. Remove from direct source of heat and moisture.

Physical Characteristics

Size - closed (Width x Depth x Height)	44.00" x 33.10" x 62.40" (111.76 x 84.07 x 158.50 cm)		
Weight	650 lbs. (294.8 kg)		
Clearances	Top	Sides	Rear
	15" (38.1 cm)	4" (10.2 cm)	6" (15.2 cm)

Temperature Control

Slide Temperature Range	Ambient to 100°C
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Electrical Specifications	US and Canada	Europe	Japan
Voltage	120 VAC ± 10%	230 VAC ± 10%	100 VAC ± 10%
Current	6 amps	4 amps	6 amps
Frequency	60 Hz	50 Hz	50/60 Hz
Power Connection	Cord suited to country. For U.S., standard 3-prong grounded.		



BenchMark ULTRA

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