

BenchMark ULTRA

Specifications

BenchMark ULTRA Slide Staining System specifications

General characteristics

Fully automated	<ul style="list-style-type: none"> Baking, deparaffinization, cell conditioning and staining, including IHC, ISH, SISH, immunofluorescence, multiparameter IHC staining (dual, triple), counter stain and titration
Slide position	<ul style="list-style-type: none"> 1 – 30 slides with independent processing/functionality and temperature control for each position
Reagent carousel	<ul style="list-style-type: none"> 35 reagent positions
Slides	<ul style="list-style-type: none"> 25 x 75 mm, 1 x 3 in or 26 x 76 mm positively charged slides
Bulk solutions	<ul style="list-style-type: none"> Up to 7 different bulk solutions can be changed “on the fly” without process interruption
Waste	<ul style="list-style-type: none"> Two 20 L carboys, can be changed “on the fly” without process interruption
DI Water supply	<ul style="list-style-type: none"> NCCLS Type II water or equivalent (deionized water)
Temperature cControl	<ul style="list-style-type: none"> Ambient to 100°C
Modularity	<ul style="list-style-type: none"> One to eight VENTANA BenchMark ULTRA, VENTANA Discovery ULTRA or VENTANA BenchMark Special Stains instruments may be controlled from one BenchMark ULTRA computer system
Configuration	<ul style="list-style-type: none"> Free standing
Certifications	<ul style="list-style-type: none"> EC/EN 61010-1, IEC/EN 61010-2-010, IEC/EN 61010-2-101, IEC/EN 61010-2-081, EN 61326-2-6
Catalog number	<ul style="list-style-type: none"> N750-BMKU-FS 05342716001

Unique features

- Automated IHC/ISH platform manages STAT requests with no impact to in-process slides
- Exceptional throughput – 90 slides per 8 hour shift
- Individual slide heaters which eliminates need to batch runs

Environmental requirements

BTU/Hour output	<ul style="list-style-type: none"> 400 BTU/Hr idle, 1000 BTU/Hr running
Room temperature	<ul style="list-style-type: none"> 68°F to 90°F (20°C to 32°C)
Humidity	<ul style="list-style-type: none"> 10% to 90%, non-condensing

Electrical specifications

Voltage	<ul style="list-style-type: none"> ~100-230V
Current	<ul style="list-style-type: none"> 4-6 Amps
Frequency	<ul style="list-style-type: none"> 50/60 Hz

Physical characteristics

Size (W x D x H)	<ul style="list-style-type: none"> 44.00 in x 33.10 in x 62.40 in (111.76 cm x 84.07 cm x 158.50 cm) 13.5 in x 14.5 in x 13.5 in (34 cm x 37 cm x 34 cm)
Weight	<ul style="list-style-type: none"> 650 lbs (294.8 kg)
Clearances	<ul style="list-style-type: none"> Top 15 in (38.1 cm) Sides 4 in (10.2 cm) Rear 6 in (15.2 cm)



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