

VENTANA DP 200 slide scanner

Technical specifications

VENTANA DP 200 slide scanner

Catalog numbers:

VENTANA DP 200 slide scanner (RUO): 08303924001

VENTANA DP 200 slide scanner (IVD): 08303916001

Accessory catalog numbers:

5 piece single slide tray: 08391254001

5 piece double slide tray: 08391262001

Unique features:

Simple and intuitive: No slide handling and intuitive user interface

Robust and reliable: Consistent, high image quality and built-in instrument calibrations

Flexible and versatile: Suitable for wide variety of applications including H&E, IHC, special stains, cytology, and frozen sections



General characteristics:

Labeling	IVD, CE marked according to European Union Directive 98/79/EC RUO, United States and ex-US countries not accepting the CE mark
Automation	Auto-scanning feature enables no-click scanning Auto-calibration for white balance
Capacity	6 single slides Length: 75 - 76.53 mm Width: 24.63 - 26.16 mm Thickness: 0.9 - 1.397 mm, includes slide substrate and coverslip 3 double slides Length: 75 - 76.53 mm, Width: 51 - 52 mm, Thickness: 0.9 - 1.397 mm, includes slide substrate and coverslip
Consumables	Slide trays are recommended to be replaced annually
Time to view	20x: <49 seconds for a 15 mm × 15 mm AOI 40x: <85 seconds for a 15 mm × 15 mm AOI
Barcodes	1D 2D: DATAMATRIX, PDF417, QR code
File formats	BIF, TIF, DICOM

Instrument:

Footprint (WxDxH)	49.7 cm × 67.8 cm × 46.2 cm 19.6 in × 26.7 in × 18.2 in
Input power reqs.	100–240V, 3A max, 50-60 Hz
Weight	46.4 kg, 102.3 lbs
Set back from wall	10 cm, 3.9 in
Computer (WxDxH)	18.5 cm × 47.5 cm × 40.6 cm 7.3 in × 18.7 in × 16 in
Touchscreen monitor (WxDxH) (including base)	53.8 cm × 5.3 cm × 32.3 cm 21.2 in × 2.1 in × 12.7 in

Optics:

Optical zoom	20x, 40x
Digital zoom	Double the optical zoom
Scan resolution	20x: 0.46 µm/pixel 40x: 0.25 µm/pixel

Operating environmental conditions:

Ambient temperature	+17°C to +25°C
Ambient temperature change	<5°C per hour
Ambient humidity	10% to 80% RH, non-condensing
Ambient humidity change	<5% per hour
Vibration	Operates according to specification defined by ISO 2631-2 for vibration in buildings (1–80 Hz)
Altitude relative to sea level	-200 m to 3000 m

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