

DISCOVERY XT Biomarker Platform Specifications

General Characteristics

Slide Tray	1-30 slides with independent temperature control for each position
Capability	IHC, ISH, FISH, Tissue Microarray (TMA) and DNA Microarray*
Reagent Carousel	35 reagent positions
Slides	25 x 75 mm, 1 x 3 inches or 26 x 76 mm Superfrost Plus
Modularity	1-8 DISCOVERY XT and/or other Ventana systems may be controlled from one control center
Water Quality	NCCLS Type II water or equivalent (referred to as deionized water)
Bulk Reagents	Up to seven different bulk reagents in 3 to 6 liter on-board containers
Configurations	Floor mounted
Certifications	CSA and CE compliant (Research use only)

Temperature Control

ThermoPad Temperature Range 37° C to 100° C ± 2.0° C

Environmental Requirements

Heat	Output 400 BTU/Hour idle, 1000 BTU/Hour running
Operating Temperature	20° C to 32° C (68° F to 90° F). Note: The instrument may be unable to maintain proper reaction temperature if laboratory ambient temperature exceeds the specified temperature range.
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 6000' (1828m) 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 Requirements

	U.S.	Japan	Europe
Voltage	120 VAC ±10%	100 VAC ±10%	230 VAC ±10%
Current	6 Amps	6 Amps	4 Amps
Frequency	60 Hz.	50/60 Hz.	50 Hz.
Power Connection	Cord suited to country. For U.S., standard 3-prong grounded		

Physical Characteristics

	Stainer Assembly
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 15" (38.1 cm) Sides 4" (10.2cm) Rear 6" (15.2 cm)



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