

Ventana SYMPHONY system specifications

General Characteristics

Capability	<ul style="list-style-type: none"> Provides continuous loading of up to 500 slides at a time with throughput of approximately 160-200 slides per hour Universal Slide tray holds up to 20 individual slides and can be stacked or “nested” for pathologist review “Slide Detect” ID – slide tracking supporting multiple barcode formats Simultaneous processing of multiple slide trays including drying, de-paraffinization, staining, and coverslipping
Reagents	<ul style="list-style-type: none"> All SYMPHONY solutions are sealed, pre-packaged, pre-diluted, and monitored with RFID for inventory management. Fresh solutions are used for each slide, resulting in consistent and reproducible results SYMPHONY solutions can be changed “on the fly” without process interruption
Configuration	Free standing
Certifications	CSA (C and US indicators), EMC, CE, and C-TICK compliant
Catalog Number	900-SYM3 (North America/3 stainer), J900-SYM1 (Outside North American/1 stainer), J900-SYM3 (Outside North America/3 stainer)

Unique Features

- Xylene-free processing – no exposure to open reagent sources
- Discrete slide staining -staining module stains slides individually with fresh reagents - designed to protect against cross contamination and ensure consistent, reproducible quality
- Slides are glass cover-slipped for optimum image quality
- CareGiver remote support - an automated remote monitoring and diagnostics solution that enables continuous monitoring and remote service for SYMPHONY

Instrument Requirements

Space requirements	<ul style="list-style-type: none"> Recommended width is greater than 98” (249 cm). This will allow doors to open 180 degrees Height must be greater than 86” (219 cm); this is off casters, leveled, and ventilated Depth must be greater than 51.5” (131 cm); this is spaced 5” from wall Instrument physical dimensions (H x W x D): 74” x 49” x 28” (188 cm x 125 cm x 72 cm)
Power requirements	<ul style="list-style-type: none"> Dedicated/isolated 20-amp circuit 230 ± 10% volts nominal AC, 50/60 Hz - NEMA 6-20R standard receptacle

Ventilation

- The facility ventilation duct should be **3” (7.62 cm)** in diameter and be located between **1’ and 15’ (31 cm to 457 cm)** of instrument
- The ventilation flow specification must be a minimum of 35 cfm and a maximum of 70 cfm

DI Water Supply

- NCCLS type II or type III DI water quality
- Flow of greater than 22 oz/min (650 ml/min) while maintaining a dynamic pressure of greater than 18.9 psi
- Static pressure to 30 psi

Liquid Waste Disposal

- Location of drain must be within **15’ (457 cm)** of right side of instrument and not exceed **3’ (91 cm)** in height

Communication

- Standard category 5, RJ 45 network port, located within 14’ (426 cm) of the left side of instrument
- Network port with TCP/IP ports 80 and 443 open



SYMPHONY system

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