400-DS Specifications

Specification Sheet

The 400-DS Dissolution Apparatus sets the performance standard for drug-release testing of medical devices. It is the first dissolution apparatus built specifically for small-volume dissolution testing of combination drug products that meets all compendial requirements for USP Apparatus 7. The 400-DS software provides compliance with 21 CFR Part 11 guidelines and brings an unprecedented level of convenience, throughput and efficiency to your quality control and R&D operations.

To provide greater convenience and save valuable laboratory bench space, the autosampler is integrated into the body of this small footprint dissolution apparatus.

System

Parameter	Specification	Tolerance
Sample reciprocation	20 mm	± 1.0 mm
Dip rate	1-35 DPM	0.5% of rate
Temperature control	Ambient + 5 to 55 °C	± 0.2 °C or better
Media volume	3-5 mL (5 mL cell) or 8-12 mL (10 mL cell)	1% of volume
Sample timepoints	Specified as HHH:MM:SS	± 2% of timepoint
Samples per test	Up to 13	
Input voltage	115/230 V AC; 50/60 Hz	
Media types per test	Up to 5	
Evaporation	0.2% or better of volume in 24 hours	
Regulatory compliance	Instrument was tested to: The EMC Directive (2004/108/EC) Machinery Directive 2006/42/EC EN 61326-1:2006 IEC61010-1:2001 CAN/CSA-C22.2 No. 61010-1-04 ANSI/UL 61010-1: 2004	

Parameter	Details	Measurement
Dimensions	Height	53.34 cm
	Width	58.42 cm
	Depth	59.69 cm
	Weight	58.97 kg

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For more information

Learn more
www.agilent.com/lifesciences/400-DS

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