



## SPECIFICATIONS

# 709-DS Dissolution Apparatus

Using the same platform as the 708-DS, the 709-DS Dissolution Apparatus ensures productivity, reproducibility and ease of use combined with the convenience of a bath-free design. The 709-DS reduces media heating time with Direct Vessel Heating (DVH) capabilities while insulating the vessel from environmental factors and eliminating water bath cleaning. The exclusive design of the DVH TruAlign vessel incorporates cutting-edge heat-sensing technology in the vessel wall. The unique clear vessel coating offers visibility of the dosage form, as well as protection from breakage and durability for long-lasting performance.



### 709-DS Specifications

Condition		Performance may vary depending on environmental conditions (temperature, humidity, altitude, etc.)	
Evaporation		Less than 1% evaporative loss under specific conditions	
Ambient temperature		15 to 35 °C	
Humidity (non-condensing)		Not more than 80% RH	
Requirements	Voltage	Current 709-DS (operating)	Current DVH Controller (operating)
	90-250 V, 50-60 Hz	2.5-1.0 A	10.5-3.8 A
	115 V, 60 Hz	2.0 A	8.0 A
	230 V, 50 Hz	1.0 A	4.0 A
Vessel Temperature	Temperature Range	Probe Accuracy	
	Ambient +5 to 55 °C	±0.1 °C	
Spindle	Speed Range	Speed Accuracy	Speed Selection
	10-250 RPM	±1% over 25 RPM ±2% 10-25 RPM	Via touch screen
Sampling		Option available for automated sampling	
Display		LCD with integral touch screen	
Spindle shaft material		Stainless steel	
Drive unit lift		Motorized drive	
Optional features		Dosage Delivery Module (DDM), Autosampling, handheld temperature probe, printer	
Dimensions		Width: 67.31 cm (26.5 in.) Operating Height: 67.95 cm (39 in.) Clearance Height: 99.06 cm Depth: 76.2 cm (30 in.)	
Weight		54.4 kg (120 lb) machine dry with vessels and paddles	

Note: AutoTemp is a standard feature for the 709-DS.

To learn more about  
Dissolution Testing, visit us at  
[www.agilent.com/lifesciences/dissolution](http://www.agilent.com/lifesciences/dissolution)

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