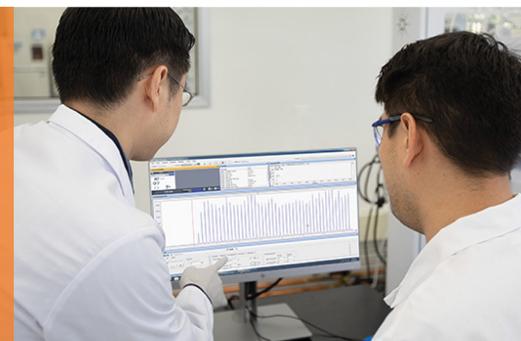


# High Throughput LC/MS RapidFire 400



	Specification	Comments
Weight (without Chiller)	359.1 kg (792 lbs)	
Weight (with Chiller)	409 kg (902 lbs)	
Dimensions H x W x D (without Chiller)	173.9 x 155 x 80 cm (68 x 61 x 31.5 in)	
Dimensions H x W x D (with Chiller)	173.9 x 155 x 84.3 cm (68 x 61 x 33 in)	
Line Voltage	100 to 240 Vac	
Line Frequency	50/60 Hz	
Power Consumption (without Chiller)	400 W	
Power Consumption (with Chiller)	750 W	
Ambient Operating Temperature	4 to 35 °C	
Ambient Nonoperating Temperature	-40 to 70 °C (-40 to 158 °F)	
Humidity	20 to 90%, noncondensing	
Operating Altitude	2,000 m (6,561 feet)	
Safety Standards	IEC, EN, UL, CE. IEC 61010-1:2010/EN 61010-1:2010; IEC 61010-2-081:2015/EN 61010-2-081:2015; CAN/CSA-C22.2 No. 61010-1-12 + UPD1:2015 + UPD2:2016 + AMD1:2018; CSA C22.2 No. 61010-2-081:19; UL 61010-1 (3rd Edition) + AMD1:2018; UL 61010-2-081 (3rd Edition) (EMC: IEC 61326-1:2012 / EN 61326-1:2013) (Other: EN 50581:2012 (EU RoHS))	
ISM Classification	Group 1A	
Sample Throughput (without SPE)	2 seconds	
Sample Throughput (with SPE)	8 seconds per sample	Up to 1,800 samples per hour
Analytical Pumps	1260 Infinity II Quaternary Pump	G7111A
Barcode Readers	1x handheld – batch creation 1x robotic – automated plate loading and batch execution	
Supported Plate Types	96-well 384-well 1,536-well	
Sample Capacity	Up to 138,240 samples using 1,536-well plates Up to 24,576 samples using 384-well plates Up to 6,144 samples using 96-well plates	
Sample Storage Temperature	4 (+4/-2) °C to room temperature	
SPE Cartridge Types	C4, C8, C18, Cyano, HILIC, Graphitic Carbon, Phenyl	
SPE Cartridge Capacity	12	
Mass Spectrometer Compatibility	TQ: 6420, 6430, 6460, 6470, 6490, 6495, Ultivo TOF: 6224, 6230 Q-TOF: 6520*, 6530†, 6538, 6540, 6545, 6545XT, 6546, 6550‡, 6560	See individual MS datasheets for additional details * Revision A excluded † Option 300 excluded ‡ Revision B excluded

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