



## SPECIFICATIONS

# 8020 Dissolution Sampling/ HPLC Injector

The Agilent 8020 is an automatic sample collection and injection system that is designed to obtain dissolution samples from Agilent dissolution apparatus and is compatible with virtually any HPLC system. Samples are pulled using the motorized sampling cannulas and deposited into empty vials in the collection tray. Injections onto the LC column occur between sampling timepoints.



### 8020 Specifications

Altitude	0-2000 m (0-6562 ft)
Temperature	5 to 40 °C
Humidity (non-condensing)	Not more than 80% RH
Duty cycle	810 Peristaltic Pump (as applicable): Maximum of 3 min on, Minimum of 5 min off
Sampling accuracy	810 Peristaltic Pump: $\pm 0.5$ mL 806 Syringe Pump: $\pm 0.2$ mL (2%) 806 Syringe Pump and 808 Filter Changer: $\pm 0.3$ mL (3%)
Number of sample points per run	1-10
Minimum sample interval	806 Syringe Pump: 5 min 806 Syringe Pump and 808 Filter Changer: 6 min
Maximum run time	999 hours
Sample volumes	1-14 mL
Sample tubes	16 x 100 mm (14 mL) standard 15 x 85 mm (10 mL)
Sample vials	12 x 32 mm (2 mL capped vials) 15 x 45 mm (4 mL capped vials)
Custom sample containers	Inquire about custom test tubes or vials
Volumetric calibration	Automatic or manual sampling, 10 mL volumes (nominal)
Program storage	20 programs with up to 8 sample timepoints each
Priming time	Peristaltic Pump: 0-99 seconds
Purging time	Peristaltic Pump: 0-99 seconds
Keypad	Sealed switch-type
Display	4 lines with 40 characters per line, LCD



## 8020 Electrical/Dimensional Specifications

	Voltage Requirements	Current Requirements	Dimensions	Weight
8020 Dissolution Sampling Station	115 V, 60 Hz 230 V, 50 Hz	2.0 A 2.0 A	Height: 43.69 cm (17.2 in.) Width: 43.18 cm (17 in.) Depth: 51.8 cm (20.38 in.)	17.2 kg (38 lb)
HPLC Injector Station (as applicable)	115 V, 60 Hz 230 V, 50 Hz	1.5 A 1.5 A	Height: 34.29 cm (13.5 in.) Width: 33.66 cm (13.25 in.) Depth: 45.72 cm (18 in.)	9.4 kg (20.8 lb)

Note: The injector module includes a Rheodyne TitanHP valve and 20- $\mu$ L loop

## Ordering Information

<b>8020 Dissolution Sampling/HPLC Injector for 708-DS</b>	
8020, 6-valve with 810 Peristaltic Pump, 115 V	20-6680
8020, 6-valve with 810 Peristaltic Pump, 230 V	20-6685
8020, 6-valve with 806 Syringe Pump, 115 V	20-6690
8020, 6-valve with 806 Syringe Pump, 230 V	20-6695
8020, 6-valve with 806 Syringe Pump and 808 Filter Changer, 115 V	20-6710
8020, 6-valve with 806 Syringe Pump and 808 Filter Changer, 230 V	20-6715
8020, 8-valve with 810 Peristaltic Pump, 115 V	20-6510
8020, 8-valve with 810 Peristaltic Pump, 230 V	20-6515
8020, 8-valve with 806 Syringe Pump, 115 V	20-6540
8020, 8-valve with 806 Syringe Pump, 230 V	20-6545
8020, 8-valve with 806 Syringe Pump and 810 Filter Changer, 115 V	20-6610
8020, 8-valve with 806 Syringe Pump and 810 Filter Changer, 230 V	20-6615
<b>8020 HPLC Auto-Injection Station Module Only</b>	
Injection Module Only, 115/230 V	20-6200

To learn more about Dissolution Testing,  
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