

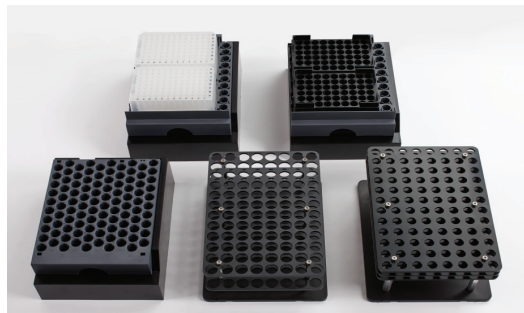
# 850-DS Dissolution Sampling Station

## Specification



The Agilent 850-DS automates the process of dissolution sample transfer, filtration and collection. This integrated workflow solution provides for unattended sampling to increase reproducibility and free up analyst time.

Parameter	Specification
Operating environment	5 to 40 °C
Humidity (non-condensing)	Not more than 80% RH
Power requirements	Voltage 90-250 V, 50-60 Hz Current 2.5-1.0 A
Dimensions	Height: 40.0 cm Height with filter module: 60 cm Width: 39.0 cm Width with filter waste bin: 48.0 cm Depth: 60.0 cm
Weight	27 kg
Interface	7" color touchscreen (English, Simplified Chinese, Spanish, Japanese, German, Hungarian, Portuguese, Russian) or PC controlled
Pumping system and speed	Rotary piston syringe pump, 8 syringes with adjustable 6-12 mL/min.
Sampling accuracy	10 mL $\pm$ 2.5%
Sample volume per vial/tube	0.1-14 mL (up to 28 mL with dual sample)
Sample frequency	Method specific with minimum of 2 minutes
Number of samples per test	Up to 36 with manual tray exchange
Maximum run time	999 hours



Parameter	Specification
Filtration options	Cannula filters: 10, 35 and 70 $\mu\text{m}$ In line filters: down to 5 $\mu\text{m}$ Filter plates: 0.45 $\mu\text{m}$
Valves	PEEK body
Needles	Stainless steel anti-coring tips to prevent clogging
Volumetric calibration	Simplified routine with a stored calibration coefficient
Prime/purge volume	0-30 mL
Vials	12 x 32 mm (2 mL)
Test tubes	16 x 100 mm (14 mL) standard 15 x 85 mm (10 mL)
Media types	Compatible with all typical dissolution media containing surfactants
Media replacement	Standard, up to 100% of sample removed
Cleaning volume	0.1-15 mL (up to 9 cycles) using either rinse port (external reservoir) or sampling cannulas
Microtiter plates	96 well, 2 mL microtiter, 2 plates per tray
Method storage	20 for Apparatus 1/2/5/6 20 for Apparatus 3/7
Method export	Printer, SD Card or serial interface
Printer	Optional internal thermal printer

### For more information

#### Learn more

[www.agilent.com/lifesciences/850-DS](http://www.agilent.com/lifesciences/850-DS)

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