

FLEXstation™

Benchtop Scanning Fluorometer and
Integrated Fluid Transfer Workstation



Bring Cell-Based Kinetic Analysis
to Your Benchtop

SPECIFICATIONS[†]

Fluorescence Photometric

Emission Wavelength Range	375-850 nm
Excitation Wavelength Range	250-850 nm
Scanning Increments	1 nm
Sensitivity (Signal 3X STD DEV) Top Read	3 fmol/Well FITC
Sensitivity (Signal 3X STD DEV) Bottom Read	8 fmol/Well FITC*
Time-Resolved Fluorescence (384-well plate)	0.5 fmol/Well Eu-Ch*

Luminescence Photometric

Sensitivity	10 amol ALKPhos*
Wavelength Range	375-850 nm

General Photometric

Microplate Well Formats	6-, 12-, 24-, 48-, 96-, 384-Well
Detection Spot Size: Top Read	3.5 mm
Detection Spot Size: Bottom Read	1.5 mm
Lamp Life	Exp. 2 Years, Warr. 1 Year

Mechanical

Read Time	96 Wells in < 15 sec.
Single-Column Read Frequency	1 Hz
Single-Well Read Time Frequency	20 Hz
Shaker	Time 0 to 999 seconds
Size	58 cm (W), 40 cm (D), 49 cm (H)

Thermal (Read Chamber and Fluidics)

Temperature Chamber Range/Rate	Ambient +1°C to 45°C in 20 mins.
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Fluidics (96-Well Plates Only)

Max. Volume — 8 Ch.	200 µL
Dispense Max. Rate — 8 Ch.	208 µL/sec.
Precision @ 50 µL — 8 Ch.	2% CV
Precision @ 5 µL — 8 Ch.	8% CV

Electrical

Power Consumption	450 VA
Line Voltage and Frequency	90-240 VAC, 50-60 Hz

Consumables (Tip Racks)

Clear Tips, 96-Well Format 200 µL Capacity, 10 racks/case	Part Number: 9000-0623
Black Tips, 96-Well Format 200 µL Capacity, 10 racks/case	Part Number: 9000-0622

[†] Specifications subject to change.

* Refer to your sales representative for specific application performance.



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