

Spectramax L Microplate Reader



Flexible, sensitive luminometer for 96- and 384-well microplates.

Rating: Not Rated Yet

Price

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Description

Flexible, sensitive luminometer for 96- and 384-well microplates.

The reader is ideal for measuring flash and glow assays, including dual luciferase reporter gene, G protein-coupled receptor (GPCR) via aequorin, bioluminescence resonance energy transfer (BRET), and acridinium ester flash assays, in both 96- and 384-well plates.

Includes PC with software loaded.

Performance specifications

Cross-talk: $< 3 \times 10^{-5}$ (96-well)

Read modes: Endpoint, Kinetic, Fast Kinetic, Dual-Read

Injector: 2 variable volume injectors

Injector accuracy: $\pm 1 \mu\text{L} \pm 2\%$

Injector precision: $\pm 1 \mu\text{L} \pm 2\%$

Sensitivity: < 20 attomol ATP per well

Spectral range: 380–630 nm

Dynamic range: > 9 decades

Heater: Temperature range ambient

Auto Mix: Proprietary four-mode mixing

General specifications

Microplate Instruments: Spectramax I Microplate Reader

Dimensions (in.): 16.5 (W) x 17 (D) x 8.75 (H)

Dimensions (cm): 42 (W) x 43 (D) x 22 (H)

Weight: 36 lbs. (16.4 kg)

Power source: 230 Vac 50 Hz, 115 Vac 60 Hz

Detector Plate formats: Low-noise photomultiplier tube with simultaneous photon counting and analog mode

Plate orientation: All 96- and 384-well microplates

Software: SoftMax Pro Software

Robot integration: Through SoftMax Pro Software

Comes with our 90-day warranty.

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