

Luminoskan microplate readers

Technical specification for Luminoskan microplate readers

	Luminoskan
Spectral range	270–670 nm
Sensitivity	10 amol ATP/well using flash reaction, white 384-well plate
Dynamic range	>6 decades
Luminometric filters	Up to 6 luminometric filters in the filter wheel. Available upon request.
Number of dispensers	Up to 3
Dispensing volume	4–995 µL in 1 µL increments
Dispensing speed	30 s, 96-well plate, 5 µL/well
Plate types	6- to 384-well plates
Measurement speed	18 s, 96-well plate 60 s, 384-well plate
Wavelength selection	Filters
Detector	Photomultiplier tube
Incubator	From ambient + 3°C to 45°C, at ambient 25°C
Plate shaking	Orbital
User interface	PC software (SkanIt software)
Computer interface	USB 2.0
Dimensions (H x W x D)	340 x 420 x 420 mm 13.4 x 16.5 x 16.5 in.
Weight	Basic unit 20.5 kg (45 lb) 2 optional dispensers add 2.4 kg

Ordering information

Description	Cat. No.
Luminoskan Microplate Luminometer	
Luminoskan Microplate Luminometer, 100–240 V, 50/60 Hz*	5300330
Luminoskan Microplate Luminometer, 100–240 V, 50/60 Hz, with one dispenser*	5300331
Luminoskan Microplate Luminometer, 100–240 V, 50/60 Hz, with two dispensers*	5300332

* Includes PC software. Luminometric filters available upon request.

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