

Thermo Varioskan Flash Multimode Reader



Thermo Scientific* Varioskan Flash spectral scanning multimode reader offers optimal performance for demanding research assays.

Rating: Not Rated Yet

Price

Sales price \$17,500.00

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Manufacturer [Thermo](#)

Description

The Thermo Scientific Varioskan Flash spectral scanning multimodereader combines fluorescence intensity, time-resolved fluorescence (TRF), photometric, and optional luminometric detection technologies.

It provides unlimited wavelength selection, and thereby allows both spectral analysis and measurement at any single wavelength. This gives ultimate flexibility for identifying the optimal measurement wavelength for any assay, now and in the future.

Technical Specifications:

Fluorescence Intensity/Time-Resolved Fluorescence:

Plate types 6 – 1536-well plates

Wavelength selection Double excitation and double emission monochromators

Excitation wavelength range 200 – 1000 nm

Emission wavelength range 270 – 840 nm

Excitation/emission bandwidth 5 nm and 12 nm/12 nm

Light source Xenon flash lamp

Sensitivity/dynamic range Fluorescence intensity, top reading: 6 decades, 384-well plate

Time-resolved fluorescence, top reading: 6 decades, 384-well plate

Luminometry:

Plate types 6 – 1536-well plates, spectral scanning 6 – 384-well plates

Wavelength selection All wavelengths, filters and double monochromators

Wavelength range 360 – 670 nm, spectral scanning 270 – 840 nm

Sensitivity/dynamic range 7 decades, flash ATP reaction, 384-well plate

Photometry:

Plate types 6 – 384-well plates

Wavelength selection Double monochromators

Wavelength range 200 – 1000 nm

Bandwidth 5 nm

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Light source Xenon flash lamp

Linear measurement range 0 – 4 Abs (96-well plate) at 450 nm, \pm 2%

0 – 3 Abs (384-well plate) at 450 nm, \pm 2%

Accuracy \pm 2% or 0.003 Abs, whichever is greater, at 200 – 399 nm (0 – 2 Abs)

\pm 1% or 0.003 Abs, whichever is greater, at 400 – 1000 nm (0 – 3 Abs)

Precision SD

Standard unit - no bottom reading or dispensers. Manufactured in 2007.

Comes w/controlling PC loaded w/SkanIt® Software

Lists for \$39,000