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

Ask a question about this product

ManufacturerThermo

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

Light source Xenon flash lamp
Linear measurement range 0 – 4 Abs (96-well plate) at 450 nm, ± 2%
0 – 3 Abs (384-well plate) at 450 nm, ± 2%
Accuracy ± 2% or 0.003 Abs, whichever is greater, at 200 – 399 nm (0 – 2 Abs)
± 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