Thermo Scientific Microplate Reader Comparison Tool

Part of Thermo Fisher Scientific

Applications | Specifications

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	Multiskan EX Microplate Photometer	Multiskan GO Microplate Spectrophotometer
Product Image		
Remove Product from comparison	remove x	remove x
MEASUREMENT TYPES		
Endpoint assays	✔	✔
Kinetic assays	✔	✔
Spectral scanning		✔
APPLICATIONS		
ATP measurement		
Calcium monitoring		
• Aequorin		
• Fluorometric		
Cell proliferation and cytotoxicity		
• MTT	✔	✔
• Fluorescent		
• Luminometric		
DNA		
• Quantitation/ purity 260/280 nm		✔
• Picogreen		
Enzyme activity		
• NADH	✔	✔
• Proteases	✔	✔
• Kinases	✔	✔
GPCRs		
• cAMP	✔	✔
Immunoassay		
• ELISA	✔	✔
• LIA		
• FIA		

TR-FIA	
Protein	
A280	
Bradford, Lowry	
NanoOrange	
Reporter genes	
Luciferases	
Beta galactosidase	
GFP	

	Multiskan EX Microplate Photometer	Multiskan GO Microplate Spectrophotometer
Product Image		
Remove Product from comparison		
Wavelength Selection	By filters	By monochromator
Photometry	400-750 nm	200-1000 nm
Fluorescence Intensity		
Time-Resolved Fluorometry (TRF)		
Fluorescence Polarization (FP)		
Luminometry		
FRET		
BRET		
TR-FRET		
Top / bottom reading		
Plate formats	96	96, 384
Cuvette		✔
Dispensers		
Incubation		Up to 45℃
Shaking	Linear	Linear
Reading speed 96 well plate	5 s	6 s
Reading speed 384 well plate		10 s
Reading speed 1536 well plate		
Robotic compatibility		✔
SkanIt Software, Research Edition		✔
SkanIt Software, Drug Discovery Edition (for 21 CFR Part 11 compliance)		
Ascent Software	✔	

Note: In the Protein section, A280 has ✔ in the Multiskan GO column; Bradford, Lowry has ✔ in both columns; Beta galactosidase has ✔ in both columns.