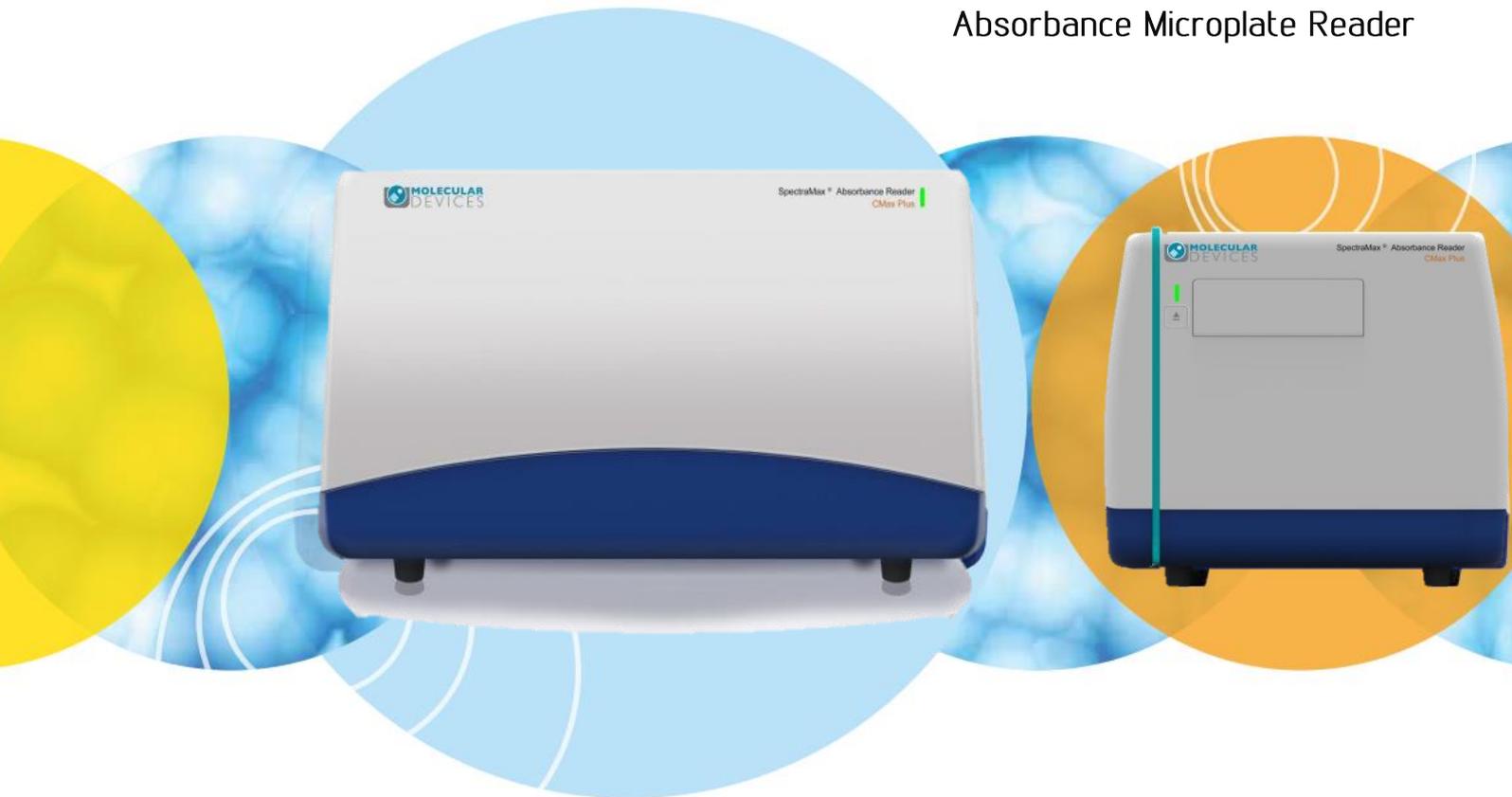


CMax Plus

Filter-based
Absorbance Microplate Reader



Feature & Benefit :

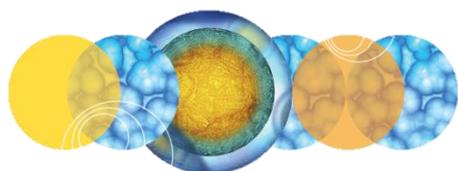
Molecular Devices presents you CMax Plus, our newest filter-based microplate reader. CMax Plus is specifically tailored for your personal need, it supports 8 channels, dual detection mode of endpoint and kinetic, which meets most of your daily lab work, like ELISA assay, cell viability, protein quantification, pesticide residue, etc.

CMax Pro software provides an easy-to-use interface, reducing your time on data acquisition and analysis. Users can create and save each setting profile into protocol template, and can easily export data to Excel or compatible format for advanced analysis, or directly apply to build-in curve fittings, like linear, log to log, 4-parameter and kinetic database to access your result quickly.



Specification :

	Specification
● Light Source	Halogen lamp (Life time auto-detection)
● Wavelength range	400-750nm
● Plate types	96 well (round · plat)
● OD	≤0.001
● OD range	Read-out: 0-4 OD Detection : 0-3.5 OD
● Black/white plate	Min OD>3.9
● Accuracy	0.000-2.000 OD ≤ ± (1.0% + 0.010 OD) 2.000-3.000 OD ≤ ± (2.0% + 0.010 OD)
● Linearity	0.0000D-2.5000D <1%
● Precision	0.0000D-2.500 OD <0.5% 2.5000D-4.000 OD <1.5%
● Channel variability	<1.5%. @10 OD
● Detection mode	Endpoint and Kinetic
● Shaking	Linear (high/mid/low speed)
● Reading time	Standard read Single wavelength: <16s Dual wavelength:<30s Fast read Single wavelength : <8s Dual wavelength :<15s
● Standard filters	405nm 、 450nm 、 492nm 、 630nm 、 570nm 、 595nm Option to 8 sets
● Interface	RS-232 and USB
● Software	CMax Pro OS compatible : Windows XP/ 7/ 8 Curve fitting : Linear. Semi-log.Log-log.4-PL



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