

AccuReader

Microplate Reader

M965/M965+



Provide Accurate Results



Absorbance microplate reader for fast and accurate result

Product Description

Using high quality optical components the M965 series Microplate reader can perform ELISA measurements between the wavelength of 340nm~900nm with end point, two point, and kinetic measurement method. The instrument also has a fast detection speed, each end-point measurement will take less then 5s per plate. For temperature sensitive essays the instrument includes a built-in incubator and, shaker for measurements.

The M965 series can be used in both standalone or PC control through the easy to use M965-mate software. Users can perform advance features such as Qualitative, Cut-off, Quality control, and Ration / inhibition. Users will also be able to use the M965-mate software to import and export data to the instrument. With the versatility and features provided within the M965 Microplate reader users can use this instrument in many different application such as ELISAs / EIAs, enzymatic activity, bacterial growth studies, and fast kinetic assays.

Key Features

■ *Multiple measurement modes and analysis methods.*

M965 is built with 3 types of measuring method ; end point, two points, and kinetic to suit the different needs of the users application. To help analyze different results the M965 also provide cut-off and quantitative analysis method.

■ *Flexible and high performance measurement*

With the modular filter wheel design of M965 users can customize filter wheel's configuration to different wavelength to fit their special applications.

The enhance optical performance of the M965 is also capable of measuring speed lower then 5s per plate with the upmost precision.

■ *Build-in incubator for kinetic studies.*

The M965 Microplate reader is built with digital temperature controller to regulate the incubator from +3°C to 50°C ambient temperature. The built-in advance temperature control makes the M965 ideal for kinetic studies.



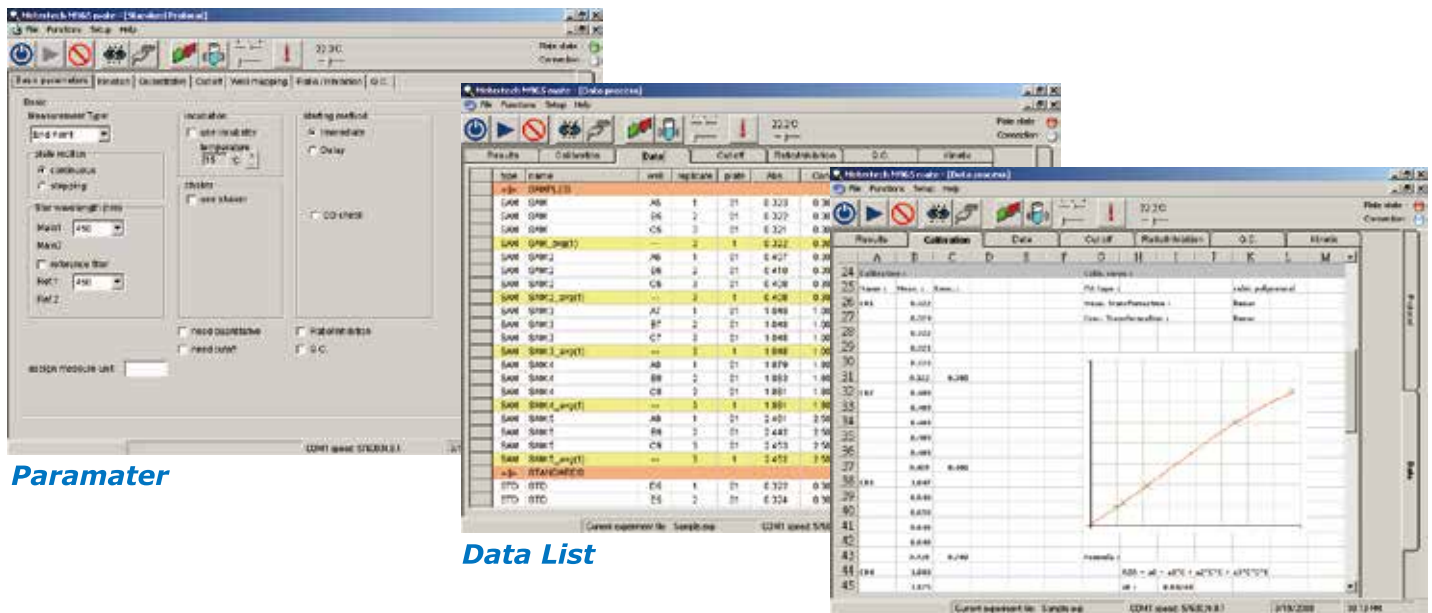
MODE	DATA	PROT	SETUP
Protocol: P25_AABB001			
Mode: Kinetic			
Motion: Continuous			
Filter: M1_405			
			11:10:24

	C	C	T	T	T							[A01]
Z	C	C	T	T	T							Z01-1
Z	C	C	T	T	T							A: Blank
Z	C	C	T	T	T							: Manu
Z	T	T	T	T	T							: 9
Z	T	T	T	T	T							B: M-COL
Z	T	T	T	T	T							C: R-ROW

Key Features

■ PC-Mate software to control and store data through the PC

The convenient PC-Mate software lets users control the measuring method, incubator, shaker, and analysis method through the PC or notebook in their lab. The PC-Mate software also transfers the protocols and standard curves of the instrument onto a PC or notebook for storage.



Parameter

Data List

Calibration



Specification

Model Number	M965 / 965+
Wavelength Range	M965: 400~900nm M965+: 340~900nm
Optical System	8 Channels, 1 reference channel
Filters	8
Well Type	96
Measurement Range	0.000~4.000Abs
Measurement Time	<5 second
Measurement Modes	End point, Two Point, Kinetics
Accuracy	+ / - 0.005Abs or 2%
Linearity	+ / - 1% from 0.000 to 3.000Abs
Precision	< 0.2% CV from 0.000 to 2.000Abs < 0.5% CV from 2.000 to 3.000Abs
Resolution	0.001Abs
Data Storage	Parameter 100 sets, Data 50 sets, Calibration 20 sets
Interface	RS232 or USB
Incubator	+3°C~ 50°C
Shaking	8Hz, 11Hz, and 14Hz
Dimension	355(W) x 345(D) x 174(H)mm
Weight	14Kg

*Metertech reserve the right to alter specifications without notice

Ordering Information

PART NUMBER	DESCRIPTION
M965	400~900nm Microplate reader
M965+	340~900nm Microplate reader
M6+	Mini photometer
SP-830+	Visible spectrophotometer
SP-880	Visible spectrophotometer with PC compatibility
SP-8001	UV-Visible spectrophotometer
M965-201	Tungsten halogen lamp

