

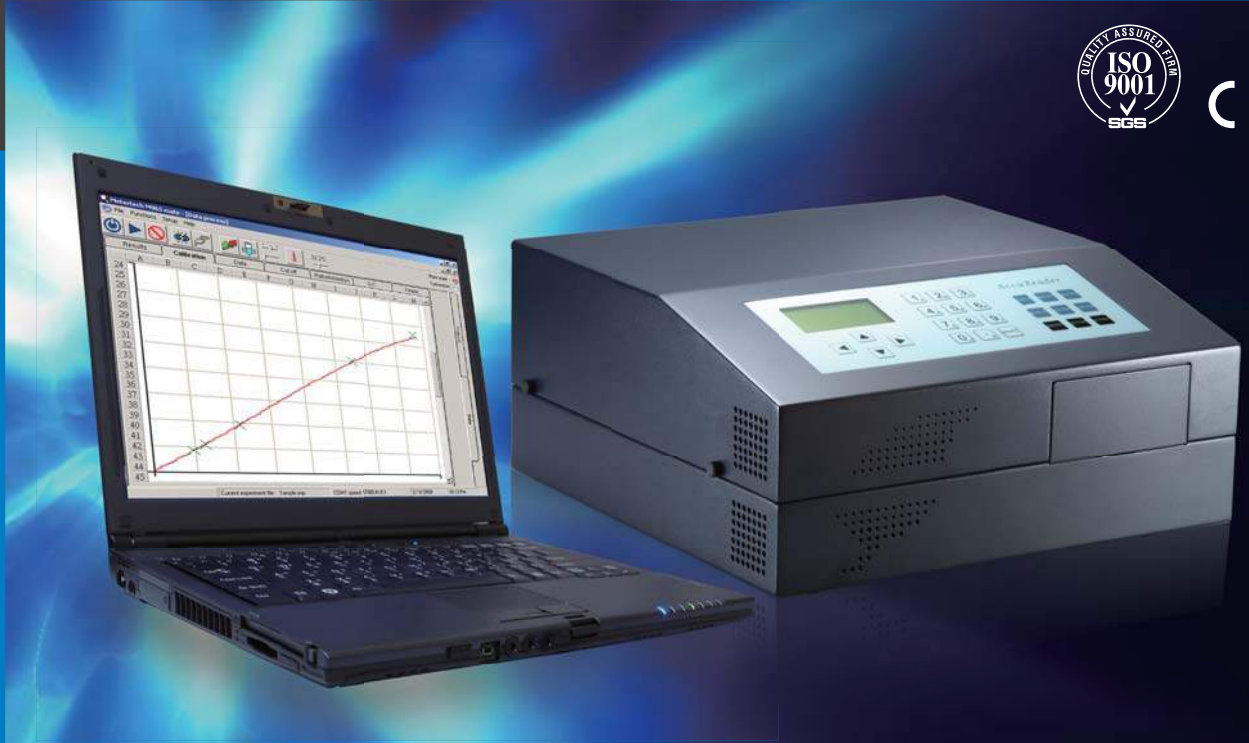
# AccuReader

## 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 340~900nm with end point, two point, and kinetic measurement method. The instrument also has a fast detection speed, each end-point measurement will take less than 5s per plate. For temperature sensitive assays 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 advanced 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 applications such as ELISAs / EIAs, enzymatic activity, bacterial growth studies, and fast kinetic assays.



# 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.

The image displays three overlapping screenshots of the Metertech M965 software interface. The leftmost window shows the 'Basic parameters' tab with various settings for measurement type, incubation, and shaker. The middle window shows the 'Data' tab with a table of experimental results. The rightmost window shows the 'Calibration' tab with a graph of absorbance versus concentration and a list of calibration points.

type	name	well	replicate	plate	Abs.	Con.
SAMPLER						
SAM	SAM	A5	1	01	0.322	0.36
SAM	SAM	B5	2	01	0.322	0.36
SAM	SAM	C5	3	01	0.322	0.36
SAM	SAM_avg(1)	---	3	1	0.322	0.36
SAM	SAM 2	A6	1	01	0.407	0.39
SAM	SAM 2	B6	2	01	0.410	0.39
SAM	SAM 2	C6	3	01	0.408	0.39
SAM	SAM 2_avg(1)	---	3	1	0.408	0.39
SAM	SAM 3	A7	1	01	1.048	1.00
SAM	SAM 3	B7	2	01	1.048	1.00
SAM	SAM 3	C7	3	01	1.048	1.00
SAM	SAM 3_avg(1)	---	3	1	1.048	1.00
SAM	SAM 4	A8	1	01	1.879	1.80
SAM	SAM 4	B8	2	01	1.883	1.80
SAM	SAM 4	C8	3	01	1.881	1.80
SAM	SAM 4_avg(1)	---	3	1	1.881	1.80
SAM	SAM 5	A9	1	01	2.461	2.50
SAM	SAM 5	B9	2	01	2.442	2.50
SAM	SAM 5	C9	3	01	2.453	2.50
SAM	SAM 5_avg(1)	---	3	1	2.452	2.50
STANDARDS						
STD	STD	D5	1	01	0.322	0.36
STD	STD	E5	2	01	0.324	0.36

Parameter

Data List

Calibration



M965



PC



Administrator

## 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	14 Kg

\*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

