

MICROPLATES READER Model D965

Absorbance microplate reader for fast and accurate result



Using high quality optical components the reader can perform ELISA measurements between the wavelength of 340~900nm with end point, two point, and kinetic measurement method. For temperature sensitive essays the instrument includes a built-in incubator and shaker

The reader can be used in both standalone and PC control through the easy to use the included software. Users can perform advance features such as Qualitative, Cut-off, Quality control, and Ration/inhibition. Also be able to use the software to import and export data to the instrument

With the versatility and features provided within the D965 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

◆ Multiple measurement modes and analysis methods.

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 D965 series also provide cut-off and quantitative analysis method

◆ Flexible and high performance measurement

With the modular filter wheel design of D965 users can customize filter wheel's configuration to different wavelength to fit their special applications. The enhance optical performance of the D965 is also capable of measuring speed lower than 5s per plate with the upmost precision.

◆ Build-in incubator for kinetic stuFD965dies.

The Microplate reader is built with digital temperature and shaker controller to regulate the incubator from ambient +3 to 50°C temperature and 8,11 and 14Hz for stirrer, ideal for kinetic studies.

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

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

Wavelength range	400 - 900nm or 340 - 900nm	Resolution	0,001Abs
Optical system	9 channels, 1 of reference	Data storage	Parameter, 100 sets
Filters	8 maxim		Data, 50 sets
Well type	96	Calibration	20 sets
Measurement range	0.000 ~4,000Abs	Interface	RS232 or USB
Measurement time	< 5 second	Incubator	+3°C room. ~ 50°C, ± 0,5°C
Measurement modes	End point, Two point, Kinetics	Shaking	8Hz, 11Hz and 14Hz
Accuracy	± 0,005 Abs or 2%	Dimension	355 x 345 x 174mm (W x D x H)
Linearity	± 1% from 0,000 to 3,000Abs	Weight:	14kg
Precision	<0,2% CV from 0,000 to 2,000Abs <0,5% CV de 2,000 a 3,000Abs		

D965 include the filters 405,450,490 and 600nm.

D965+ include the filters 340,405,450,490 and 600nm

Code	Articles
5.9752.00	Microplate Reader D965, range 400-900nm
5.9752.01	Microplate Reader D965+, range 340-900nm
5.9752.02	Filter 550nm supplementary
5.9752.03	Filter 570nm supplementary
5.9752.04	Filter 650nm supplementary
5.9752.05	Filter 800nm supplementary
5.9752.06	Halogen lamp
8.9749.00	Computer PC with TFT monitor 19"

Distributor: