Using high quality optical components, the AgileReader can perform ELISA measurements between the wavelength of 340~900nm with end point, two point, and kinetic measurement method. The AgileReader is built with an incubator and shaker for temperature sensitive kinetics measurements. To interface with PC, the AgileReader comes with the PC-Mate software to control, store, and transfer the analysis results from the instrument to the PC.

With the versatility and features provided within the AgileReader, 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.

AgileReader 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 AgileReader also provides methods cut-off and quantitative analysis method.

■ Flexible and high performance measurement

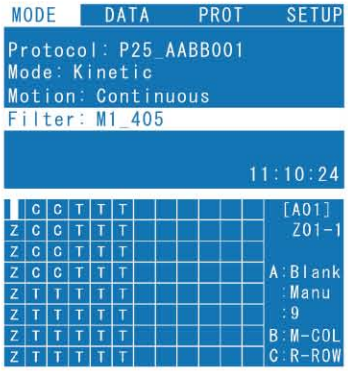
With the modular filter wheel design of AgileReader, users can customize filter wheel's configuration to different wavelength to fit their special applications.

The enhanced optical performance of the AgileReader is also capable of measuring speed lower

■ Built-in incubator for kinetic studies.

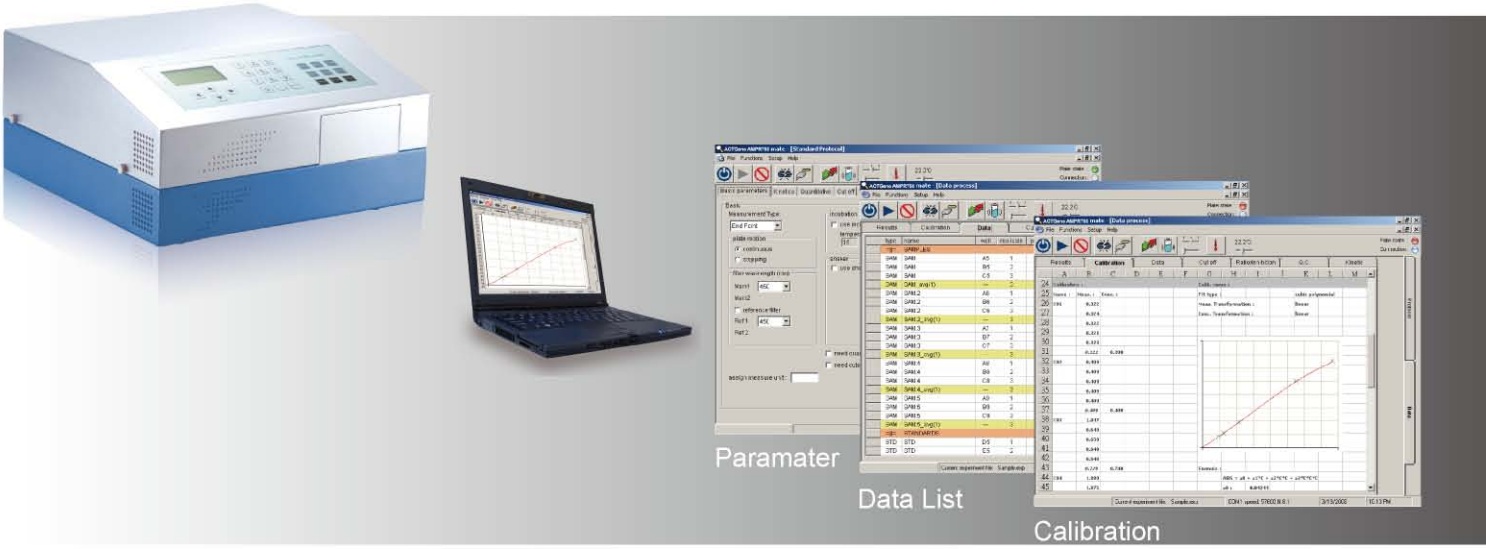
The AgileReader Microplate reader is built with digital temperature controller to regulate the incubator from ambient +3°C to 50°C temperature.

The built-in advance temperaturecontrol makes the AgileReader ideal for kinetic studies.



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 labs. The PC-Mate software also transfers the protocols and standard curves of the instrument onto a PC or notebook for storage.



Specifications

Model Number	AMPR900
Wavelength range	340-900 nm
Optical system	9 channels, 1 reference channel
Filters	8
Well type	96
Measurement range	0.000~4.000 Abs
Measurement time	<5 sec
Measurement modes	End point, Two Point , Kinetics
Accuracy	+/- 0.005 Abs or 2%
Linearity	+/- 1% from 0.000 to 3.000 Abs
Precision	<0.2% CV from 0.000 to 2.000 Abs <0.5% CV from 2.000 to 3.000 Abs
Resolution	0.001 Abs
Data storage	Parameter 100 sets, Data 50 sets, Calibration 20 sets
Interface	RS232 or USB
Incubator	+3°C~50°C +/- 0.5°C
Shaking	8Hz, 11Hz, and 14Hz
Dimension	355 x 345 x 174 (mm)
Weight	14 Kg

*ACTGene reserves the right to alter specifications without notice