

Microplate Readers

(Beijing Scientific Instruments & Materials Corp.)



Model 9602

Measurement System	8-Channel optical system
Measurement Range	0.001~3.500Abs
Photometric Accuracy	$\pm 1\%$ or $\pm 0.001\text{Abs}$
Repeatability	$< \pm 0.5\%$
Stability	$< 0.005\text{Abs}$
Linearity	$< \pm 1\%$
Reading Speed	$< 5\text{secs}/96\text{holes}$ (single wavelength) $< 7\text{secs}/96\text{holes}$ (double wavelength)
Filters	Standard: 7 filters (405, 450, 492, 630 nm) or other wavelength on request.



Model 9602A

Measurement System:	8-Channel optical system
Measurement Range:	0.000~4.000Abs
Photometric Accuracy:	$\pm 1\%$ or $\pm 0.001\text{Abs}$
Repeatability:	$< \pm 0.3\%$
Stability:	$< 0.002\text{Abs}$
Linearity:	$< \pm 0.5\%$
Reading Speed:	$< 5\text{secs}/96\text{holes}$ (single wavelength) $< 7\text{secs}/96\text{holes}$ (double wavelength)
Filters:	Standard: 7 filters (405, 450, 492, 630 nm) or other wavelength on request.



Model 9602G

Measurement System:	2-Channel optical system
Measurement Range:	0.001~3.500Abs
Photometric Accuracy:	$\pm 1\%$ or $\pm 0.001\text{Abs}$
Repeatability:	$< \pm 0.5\%$
Stability:	$< 0.005\text{Abs}$
Linearity:	$< \pm 1\%$
Reading Speed:	$< 5\text{secs}/96\text{holes}$ (single wavelength) $< 7\text{secs}/96\text{holes}$ (double wavelength)
Filters:	Standard: 450,492nm



Microplate Reader 96

Specifications

Detection method	Absorbance
Microplate types	96-well plate
Reading speed	12s single wavelength, 30s double wavelength
Wavelength range	340~850nm
Measurement system	8-Channel optical system
Light source	Tungsten Halogen, 12V/20W
Onboard software	42 user-programmable protocols
Reading range	0.001-3.500Abs
Measurement range	0.001-2.500Abs
Photometric accuracy	± 1% or ± 0.001Abs
Wavelength accuracy	± 2nm
Repeatability	< 1%
Stability	< 0.005Abs/min
Linearity	< 2.5%
Filters	405nm, 450nm, 492nm, 630 nm, 4 free positions for optional filters for optional filters