

MR-100 Microplate Reader



SPECIFICATIONS:

Detection method	Absorbance
Microplate types	96-well plate(U,V or flat-bottom)
Measuring system	8-Channel optical system
Reading speed	12s single wavelength , 30s double wavelength
Light source	Tungsten Halogen, 12v/20w ,>2000hours
Wavelength	405nm, 450nm, 492nm, 630nm, 4 free positions for additional filters
Onboard software	42 user-programmable protocols
Reading range	0.001-3.500Abs
Measuring range	0.001-2.500Abs
Photometric accuracy	<1% or ± 0.001 Abs
Wavelength accuracy	<2 nm
Repeatability	<1 %
Stability	<0.005Abs/10min
Linearity	<2.0 %
Shaking	linear shaking ; low, medium, high
Input	Touch screen
Display	Large LCD display
Power supply	AC 200V/110V $\pm 10\%$, 50/60Hz
Operating environment	Temperature: 10 °C ~40 °C Humidity:20%~85%
Dimension	420mm(H) \times 400mm(W) \times 200mm(D)
Weight	9.6kg