

Product name	MRX A2000
Detection modes	UV-Vis absorbance
Read methods	Endpoint, Kinetic, Spectral scanning, Well area scanning
Microplate types	6 ~ 384 well plates
Temperature control	up to 65 °C
Shaking	Linear, orbital, double orbital
Light source	Xenon flash
Detector	Photodiode
Wavelength selection	monochromator
Wavelength range	200 - 999 nm / 1 nm increments

Bandwidth	2.9 nm
Dynamic range	0 - 4.0 OD
Resolution	0.0001 OD
Pathlength correction	yes
Wavelength accuracy	± 1 nm
Wavelength repeatability	± 0.2 nm
OD accuracy	< 1% at 2.0 OD < 3% at 2.5 OD
OD linearity	< 1% from 0 to 2.5 OD
OD repeatability	< 0.5% at 2.0 OD
Stray light	0.03% at 230 nm

Reading speed (kinetic)	96 wells fast read: < 8 seconds
Power	110/220V, 50/60Hz
Weight	12 kg
Dimensions(W*D*H)	340mm x 410mm x 225mm
Regulatory	CE, KC