TECHNICAL SPECIFICATION

General Specification

Detection Modes	Absorbance
Reading Methods	End-point, Kinetic, Spectral Scanning, Well-Area Scanning
Microplate types	6 to 384 Well Microplate
Incubator	Optional (Temperature Control and Shaking)
Power	100 – 240 V AC, 50/60 Hz
Dimensions	396 x 364 x 207 mm
Weight	9.0 kg

Reader Specification

Light Source	Xenon Flash Lamp
Detector	Photodiode
Wavelength Selection	Monochromator
Wavelength Range	185 – 1,000 nm (1 nm increments)
Monochromator Bandwidth	5 nm
Dynamic Range	0 – 4.0 OD
Resolution	0.0001 OD
Wavelength Accuracy	± 1.0 nm
Wavelength repeatability	± 0.1 nm
Pathlength Correction	Available
OD Accuracy	± 1% at 2.0 OD , 3% at 3.0 OD
OD Repeatability	± 1% at 2.0 OD
OD Linearity	± 1% from 0 to 3.0 OD

Mobi

MICROPLATE SPECTROPHOTOMETER
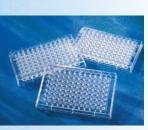
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Mobi MICROPLATE SPECTROPHOTOMETER

Product Introduction

- Mobi uses monochromator-based optics to offer a wider range of wavelengths including the UV-Vis range.

- Mobi's quality optical system allows it to run assays in 6 to 384 well microplates quickly and efficiently.

- Mobi offers multiple detection modes such as end-point, kinetic, spectral scanning and more.

Product Design

- Mobi incorporates a high-tech incubator for precise temperature control and complex shaking movements as options.

- Light weight and compact design.

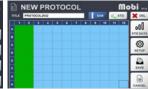- Stand-alone system with an optional tablet touch screen.

Software and Tablet

- Mobi is supplied with a tablet PC for enhanced connectivity through Wi-Fi and Bluetooth. (Optional)

- Intuitive and user-friendly software.

- End Point, Kinetic, Spectrum mode selection available.

- Easy to confirm results via graphical presentation.