TECHNICAL SPECIFICATION

General Specification	
Detection Modes	Absorbance
Reading Methods	End-point, Kinetic, Spectral Scanning, Well-Area Scanning
Microplate types	6 to 384 Well Microplate
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	200 – 999 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
OD Accuracy	± 1% at 2.0 OD, ± 3% at 2.5 OD
OD Repeatability	± 1% at 2.0 OD, ± 3% at 2.5 OD
OD Linearity	± 1% at 2.0 OD, ± 3% at 2.5 OD

Shaking & Incubation Specification	
Shaking	200 - 800 RPM
Temperature Range	RT - 40 °C

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Mobi
MICROPLATE SPECTROPHOTOMETER

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Mobi MICROPLATE SPECTROPHOTOMETER

Mobi
Microplate Spectrophotometer

Product Introduction

- Mobi features monochromator-based measurement optics to offer a wide range of wavelengths from UV to the visible spectrum.
- The cutting-edge technologies and system structure in Mobi allow precise movement and detection.
- The system supports measurements on 6 to 384 well microplate.

Mobi
Microplate Spectrophotometer

Product Design

- The system offers various measurement modes: End-point, Spectral and Area Scanning, Kinetic, etc.
- In addition to the measurement, the system can carry out various supportive functions: shaking, incubation, measurement monitoring, delay, etc.
- Lightweight, compact size and distinctive shape make the device easy to transport and relocate.

Mobi
Microplate Spectrophotometer

Software

- Separated sequence protocols, layouts allow the user interface to achieve great flexibility and simplicity in setting, editing, and executing the measurements.
- Graphical presentation of data allows users to analyze the results with convenience and efficiency.
- The measurement data can be exported as simple charts or full report in Excel sheets, PDFs, or other formats.