

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



Mobi

MICROPLATE SPECTROPHOTOMETER

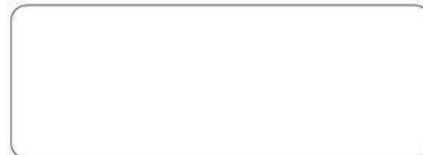
www.md-best.com

 **MicroDigital Co., Ltd.**



MicroDigital Co., Ltd.

WINS-7th floor, 15, Pangyo-ro 228beon-gil,
Bundang-gu, Seongnam-si, Gyeonggi-do,
13487, Rep. of KOREA
TEL: +82-31-701-2225 FAX: +82-31-702-2225
<http://www.md-best.com>



Mobi

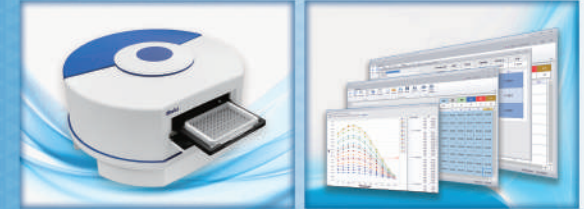
Microplate
Spectrophotometer

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



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.

