

# AMBINOVA TECHNOLOGIES PVT. LTD.

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ISO : 9001:2015

ISO : 13485:2016

# MICROPLATE READER

## FEATURES

- Integrated computer with an 8" touchscreen (English interface) for seamless operation, data editing, testing, storage, and printing.
- High-speed performance: processes 96 wells in just 3 seconds, with built-in self-diagnostic checks for optical and mechanical systems.
- Energy-efficient lamp with automatic switching, ensuring extended lifespan and easy replacement.
- Adjustable shaking function with customizable speed and duration.
- Advanced sample management with direct input of specimen ID, patient details, and organized record-keeping.
- Comprehensive on-screen display of specimen ID, OD values, results, S/CO values, and parameters.
- Flexible tagging options for blanks, samples, controls, and multi-value comparisons.
- Powerful data tracking and statistical analysis based on specimen ID or patient name, with trend monitoring.
- Easy data export and storage in MS Excel format.



## SPECIFICATION

Model	AMBI-MPR-4000
Light Source	6V,10W tungsten halogen lamp, work over 5000 hours
Wavelength range	400-750nm
Optical Filters	4 standard filters: 405,450,492,630,max 8 filters
Measurement Methods	Single, dual two points method, dynamic assay, multiple wavelengths
Blank Ways	Single, multiple wells blank, rows and columns blank
Calculation Method	Absorbance, single point calibration, linear regression, quadratic curve, four parameters equation
Measurement Speed	Single wavelength<3second/96 wells, dual wavelength<9seconds/96well
Measurement Range	0.0000-4.5000Abs
Linearity	+/-0.5% or <0.025A
Repeatability Difference	<0.1% or +/- 0.0025A
Row and columns difference	<0.01A
Resolution	0.0001A
Environment power	12V D(100V-240V wide input voltage)
Display	External computer, shows whole results and calibration curve
Save information	Over 300 test programs, results of 50 pieces of 96 well, 100000 test results
Interface	1 USB two-way communication interface

## ORDERING INFORMATION

CAT.NO.

ITEM

AMBI-MPR-4000

Microplate Reader

# ABOUT COMPANY

Ambinova Technologies Pvt Ltd is dynamic and forward-thinking manufacturing company specializing in laboratory instruments designed for Life Science and Healthcare Laboratories. With a commitment to excellence, Ambinova has earned a reputation for producing high-quality, laboratory instruments that meet the evolving needs of scientific research, diagnostics, and analytical testing.

## Mission:

Through innovative design, rigorous quality control, and a commitment to customer satisfaction, we strive to be the premier provider of reliable, accurate, and cutting-edge laboratory instruments. With a dedication to continuous improvement and technological advancement, we aim to enhance the efficiency, productivity, and success of scientific community.

## Vision:

Our vision is to be one of the most trusted and value-adding companies Globally.

## Products and Services:

Our extensive range of laboratory equipment includes Drybath, Incubators, Autoclaves, Laminar Air Flow, Shakers, and Laboratory Furniture. Each product is meticulously crafted using the qualified and tested materials and cutting-edge technology, ensuring optimal performance and reliability. Our talented team work collaboratively to drive progress, solve complex challenges, and deliver exceptional value to our clients.

### CERTIFICATIONS



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