

MICROLISA PLUS

Versatile Elisa Plate Reader



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Features

- Multiple Plate Formats.
- 12 / 24 / 48 and 96 well capability to meet a variety of assay needs.
- Ensures optimal performance Provides reliable, long term use.
- On-Board Diagnostic Testing.
- System Test: 12 channel and reference channel optics of all filters.

Detection modes

Absorbance / End point / Kinetic / CUTOFF with validation and Multi point calibration

Optical system

Light source: LED
 Filter wheel: 6 positions (2 optional)
 Wavelength range: 400 - 670 nm
 Filters: 405, 450, 492 and 630nm
 Measurements: From 0.0 to 3.5A
 Bandwidth: 8nm

Absorbance

Dynamic range: 0 to 3.5 OD
 Resolution: 0.001 OD
 Monochromatic Reading time
 96 wells: 14 seconds
 Bichromatic readings
 Reading time: 26 seconds
 OD accuracy: <1% at 2.5 OD
 OD linearity: <1% at 2.5 OD
 <3% at 3.0 OD
 OD repeatability: <1% at 2.5

Interface

Screen: Graphic LCD 240x128 pixels
 Keyboard: Tactile Soft - Touch
 Printer: Built-in 57mm thermal printer
 External Printer: optional
 PC connection: optional

Memory

Storage: USB pen drive
 100 user-programmable Tests

Microplate types

96-well Reader Control Software and Data Analysis for raw data ABS OD, Cutoff and Multi standard upto 10 calibrators.

Power / Dimensions

Voltage: 100 - 220V
 AC: 50 - 60 Hz
 Temperature: 10°C to 40°C
 Dimensions: 22cm X 32cm X 16cm
 Weight: 8.6 Kg



Technical specifications subject to change without prior notice

Product manufactured by Micro Lab Instruments
 An ISO 9001:2008 certified company

Micro Lab Instruments

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