

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
- 3 modes shaking speed
- System self diagnosis on start-up

Detection modes

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

Optical system

Optics: 8 channel
 Light source: LED
 Filter wheel: 8 positions
 Wavelength range: 400 - 800 nm
 Filters: 405, 450, 492 and 630nm
 Measurements: From 0.0 to 4.0A
 Bandwidth: 8nm

Absorbance

Dynamic range: 0 to 4.0 OD
 Resolution: 0.0001 OD
 Monochromatic Reading time
 96 wells: 10 seconds
 Bichromatic readings
 Reading time: 20 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 (Laser/Dot Matrix)
 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

