

MICROLISA PLUS[®]

Versatile Elisa Plate Reader



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Catalog # - 30101400

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: 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: 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: 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
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



Ordering Information

Catalog #	Description
30101500	Optics: 12 channel + 1 reference channel Monochromatic Reading time: 14 seconds Bichromatic Reading time: 24 seconds

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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