

# MICROLISA

Versatile Elisa Strip Reader

Hormones | Therapeutic Drugs | Infectious Diseases



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## Features

- Versatile absorbance strip reader for 8 wells
- Automatic strip transport to read number of wells selected
- Standard four filters and extra four positions
- Easy paper loading fast graphic printer
- Software for single and multipoint calibration (point to point / regression / spline / lin-log and cut-off methods)
- Memory to store 200 user test and 1000 patient results



## Methods of calculations

Absorbance / Single Standard / Cut - off /  
Point to Point / Regression / Lin-Log / Spline  
Multipoint upto 10 standards

## Interface

Screen: Graphic LCD 240x128 pixels  
Keyboard: Tactile Soft - Touch  
Printer: Built-in 57mm thermal printer  
RS - 232 for PC connection

## Optical system

Principle: Absorption spectrophotometry  
Measurements: From -0.1 to 3.5A  
Spectral range: Automatic via filter wheel  
Filters: 405, 450, 492 & 630 nm  
+ 4 extra positions  
Bandwidth: 8nm ( $\pm 2$  nm)  
Light source: LED  
12V / 20W or 6V / 10W  
Zero: Automatic  
Settings: Monochromatic and  
Bi-chromatic mode  
Detector: Schottkey type  
photodiode - silicon

## Power / Dimensions

Voltage: 110 - 220V / 50 - 60 Hz  
Power Supply: <60W  
Temperature: 10°C to 40°C  
Relative humidity:  $\leq 80\%$   
Dimensions: 33cm X 35cm X 17cm

## Programming

Table of tests: up to 200  
Table of units: up to 9 units  
Memory: 1000 test results

## Quality control

2 controls per test - Normal & Abnormal  
Levy-Jennings charts & Westgard's rules

Technical specifications subject to change without prior notice

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

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