

Technical Specification

Assay Types/Modes	8 modes (Absorbance, End Point, Fixed Time, Rate, Sample Blank, Multi Standard, Two point Non Linear, and Sample Blank Non Linear).
Sample Type	Serum / Urine / Plasma / Body Fluids / Hemolysate
Light Source	6 V, 10 W Quartz Halogen Lamp (Life Span approx 2000 Hours)
Measurement Method	Monochromatic and Bichromatic
Photodiodes	Silicon photodiode
Wavelength	6 Filters (340, 405, 505, 546, 578, 620 nm) and 2 Free positions
Absorbance Range	0 - 2.5 Abs
Resolution	0.0001
Types of Test ware	Quartz Flowcell
Flowcell Volume	32 µl
Display	240 x 128 pixel blue color graphical LCD with LED backlight.
Storage	25,600 Test Data Storage, 3 Month QC Data
Quality Controls	Daily and Monthly for 3 levels with LJ Graph
Air Aspiration Volume	Variable 0 to 50 µl (To reduce Carry over & Cross contamination)
Cross Contamination	<1%
PC Communication	9 pin D type Serial Connector
PC Software	Optional
Memory	FLASH
Temperature Control	25°C, 30°C, 37 °C Accuracy ±0.1°C, Peltier control
Operating Voltage	230 V, 50 Hz, 45 Watt max
Dimensions	245 (W) mm x 273 (D) mm x 299 (H) mm, Weight ~ 10 kgs
Mat Code	SAACNM-01

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Meril

Diagnostics

A brand recognised
for **RELIABILITY**



Merilyzer
CliniQuantTM
micro



Ideal Choice of Laboratory

Versatile & Flexible

Unique & Economical

Efficient & User friendly

Accurate & Reliable



Recal Function for Kinetic assay

- Less reagent consumption
- More time saving
- Ideal for paediatric samples

Reaction Volume: 32 μ L

- Less reagent consumption
- More Economical

Enhance the aesthetics of your setup

A system meets all your needs

Accurate & Reliable

- 3 levels of QC with levy Jennings plot
- Resolution of 0.0001 helps to detect slightest change in the optical density for all types of assay
- High sensitivity of analyzer ensures that even specialized tests are performed with excellent accuracy and precision
- Remove carry over effect completely by air gap

Versatile & Flexible

- Flexibility of multipoint calibration with any mode
- Dynamic temperature control by Peltier elements

Unique & Competitive

- Recal function for kinetic assay by selection a linear phase of graph in case of hyperactive sample which ensure saving of additional reagent and time.
- Minimum reaction volume of 32 μ L
- Ideal for small volume samples like paediatric samples.
- Removes carry over effect completely by air gap aspiration volume defined by user (0 to 50 μ L)

Efficient & User Friendly

- Integrated and interactive software with direct access of test icons
- Inbuilt thermal printer
- RS232 Port is available for PC communication (Software optional)

Unique Hardware and Software Features

Compact Yet Efficient

CliniQuant micro is a compact analyzer with 8 modes (Absorbance, End Point, Fixed Time, Rate, Sample Blank, Multi Standard, Two point Non Linear and Sample Blank Non Linear).

Recal function

Recal Function for kinetic assay is possible by selection of a linear phase graph in case of hyperactive sample which saves reagent and time

Versatile software

CliniQuant micro is provided with large LCD display with STN back light that allows excellent visuals, thus eliminating manual errors during data entry.

High Resolution

A resolution of 0.0001 helps to detect even the slightest changes in the optical densities for all types of assays. Such high sensitivity of the analyzer ensures that even specialised tests are performed with excellent accuracy and precision.

