Merilyzer | EIAQuant™

EIAQuant is a Semi Automated ELISA Plate Reader that uses high quality optical system and sophisticated embedded computer control technology which enables the user reliable measurement and data analysis with minimum maintenance

Semi Automated ELISA Plate Reader

Easy to use

- An interactive LCD touch Screen
- Display with Color Graphics
- Alpha numeric Sample ID input option with Auto-incremental option
- Self Diagnostics
- Copy Test function
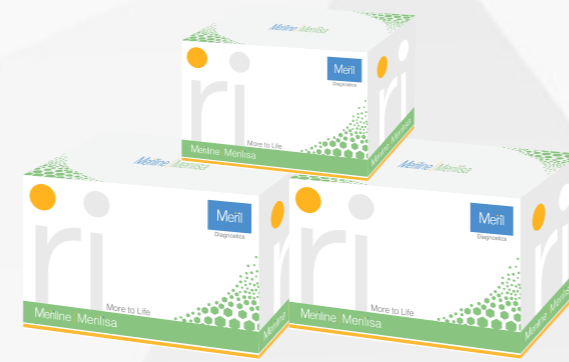- Rerun Option

Optical System and Measurement

- 8 Channels Fiber optic optical system
- Standard Filters installed (405 nm, 450nm, 492 nm, 630 nm)
- Band width 400 -700 nm
- High Dynamic Range 0 – 4 OD
- Monochromatic and Biochromatic Reading for accuracy
- Reading Speed : 6.5 seconds at Single Wavelength
  16 seconds at Dual Wavelength

Result Calculation Modes

- Inbuilt Quality control for up to 4 levels Control sera
- Display and Printing Levey – Jennings graph
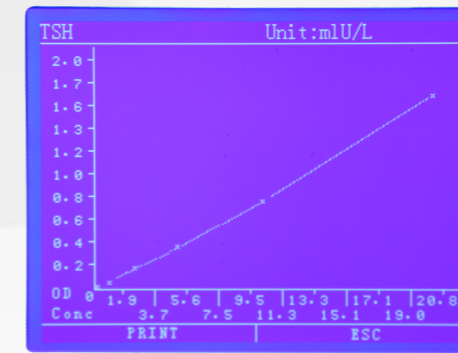- Westgard rules

Other Features

- Inbuilt thermal printer
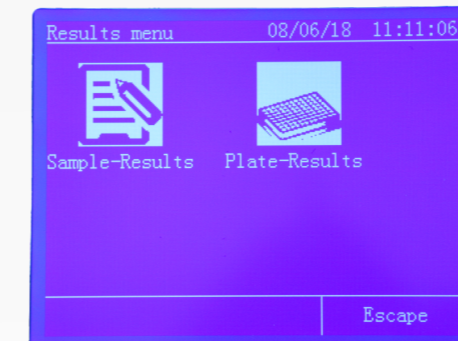- Print Sample report including patient demographics through PC software

Result Calculation Modes

- Absorbance Mode, Qualitative, Semi – quantitative and Quantitative mode
- Reverse cut off mode
- Multi standard mode with option up to 10 Standards
- Curve types : Multi Point, Conc. Log, Log – Log, Linear , OD Log
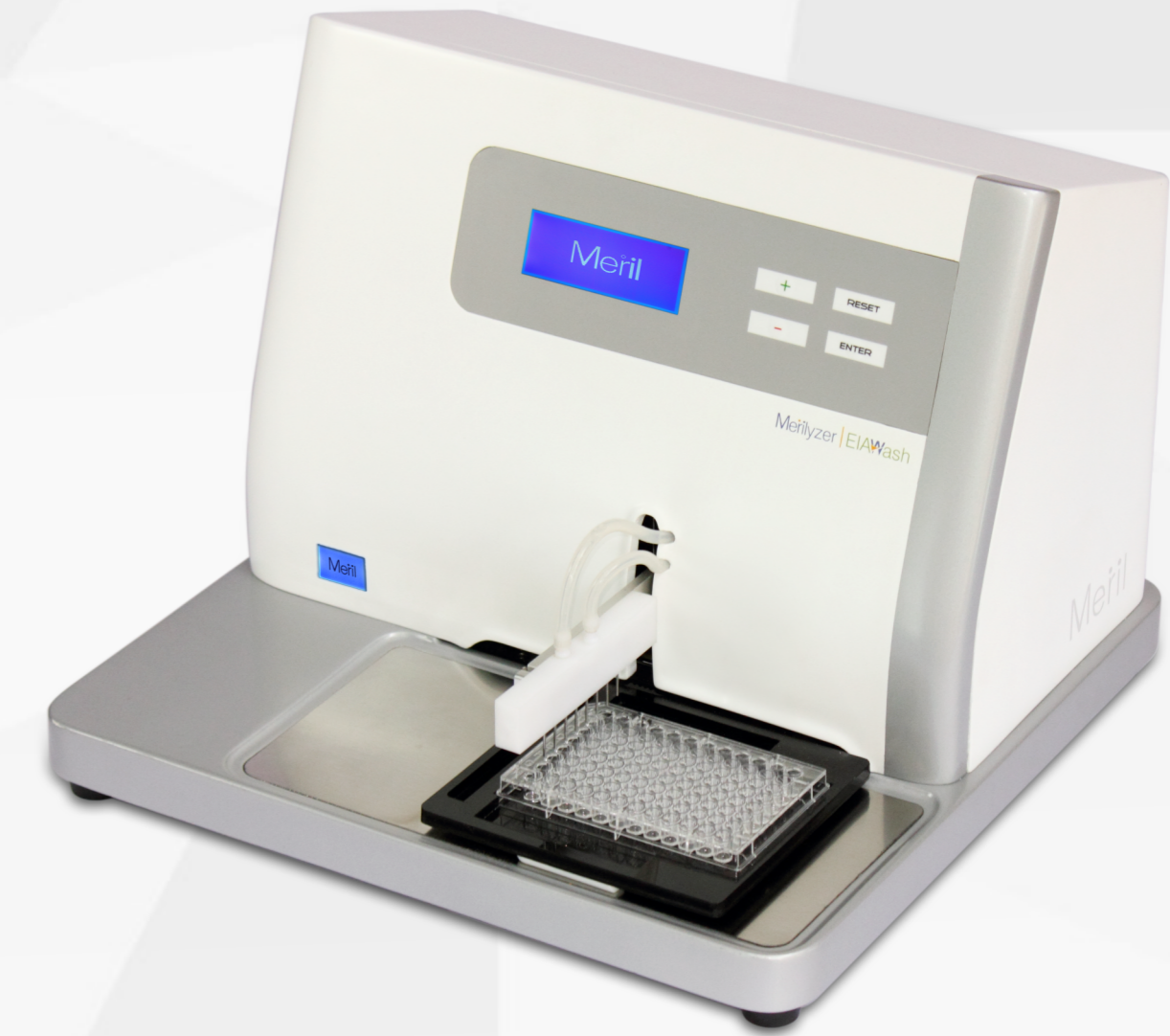- Grey Zone for Qualitative analysis
- Abnormal result flagging

Storage

- 50 different Test Parameters onboard storage
- Up to 150 Plate/ 14000 Sample results can be stored
- 3 Curves / Parameter can be stored

Merilyzer | EIAWash™

Microplate Washer

EIAWash is the perfect choice for 96 well plates with the flexibility of 8 channels or 12 channels manifolds washing options, programmed aspiration and dispensing that employs a reliable, simple and innovative design simplifying its maintenance.

Accuracy and Reliability

- Compatible with U, V & flat bottom wells
- Minimal Residual volume (< 2 μl)
- Multiple Aspiration point
- 8 Channels, 12 channels and single channels
- Variable shake time
- Liquid level Sensor for Wash Bottles

Programming Flexibility

- Multistep combination of aspiration/disoense/soak
- Dispensing volume 50 ul - 400 ul
- Wash cycles - 1-255