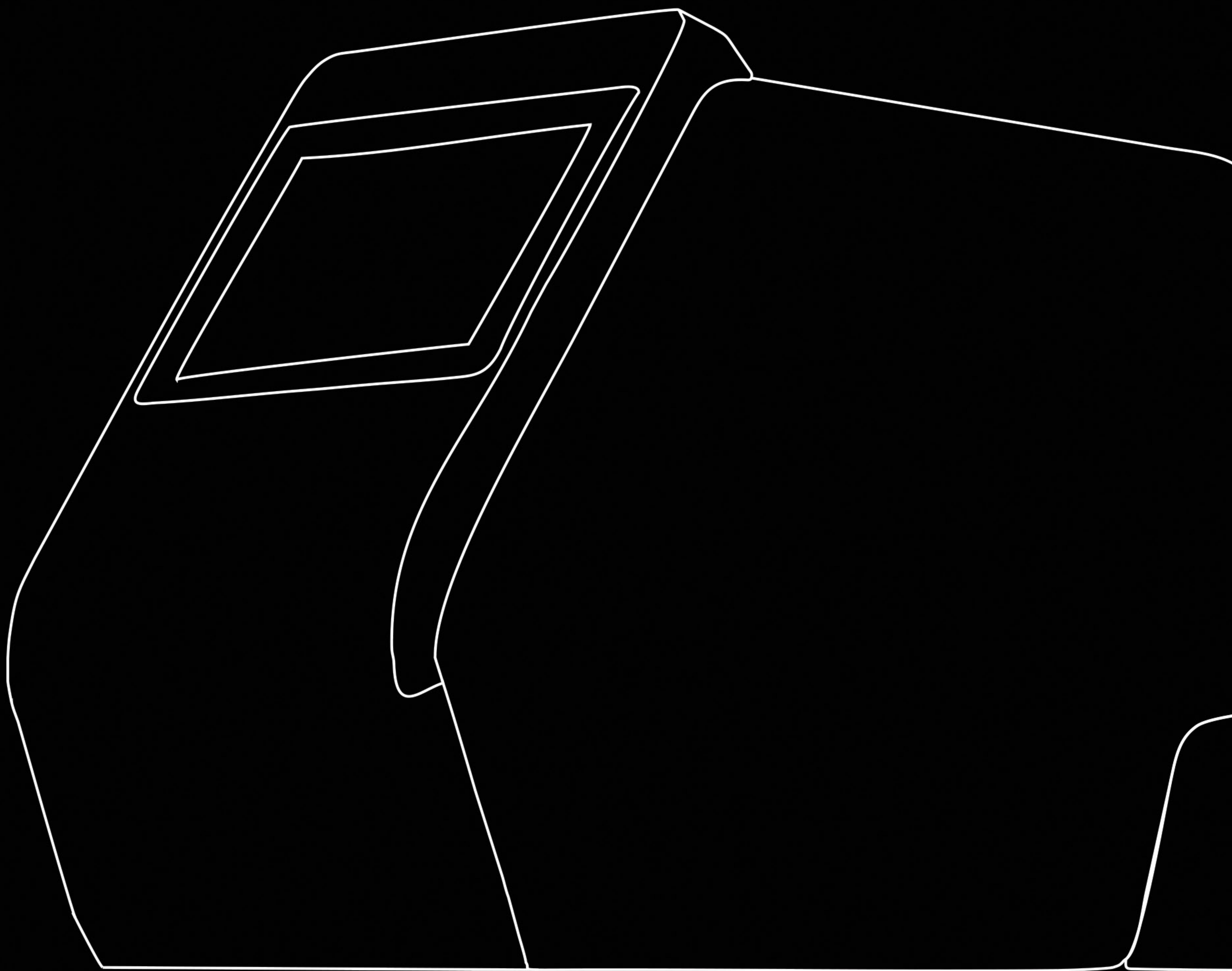


“Choose the Future”



Yumizen
CA60

A COMPACT **SEMI AUTOMATIC** ANALYZER.

Yumizen CA60

INDIA'S 1ST VOCD BASED ANALYZER
DURABLE MALS[#] LIGHT SOURCE*

- LED LIGHT SOURCE
- 7" TOUCH COLORED LCD

- TILE BASED MENU
- HUGE MEMORY SPACE

YOUR COMPANION FOR **ROUTINE TO SPECIFIC** TESTING !

- QUARTZ FLOW CUVETTE
- LOWEST ASPIRATION 100 µL

- PRE- PROGRAMMED MENU
- EASE OF OPERATION



MALS[#] Light Source:

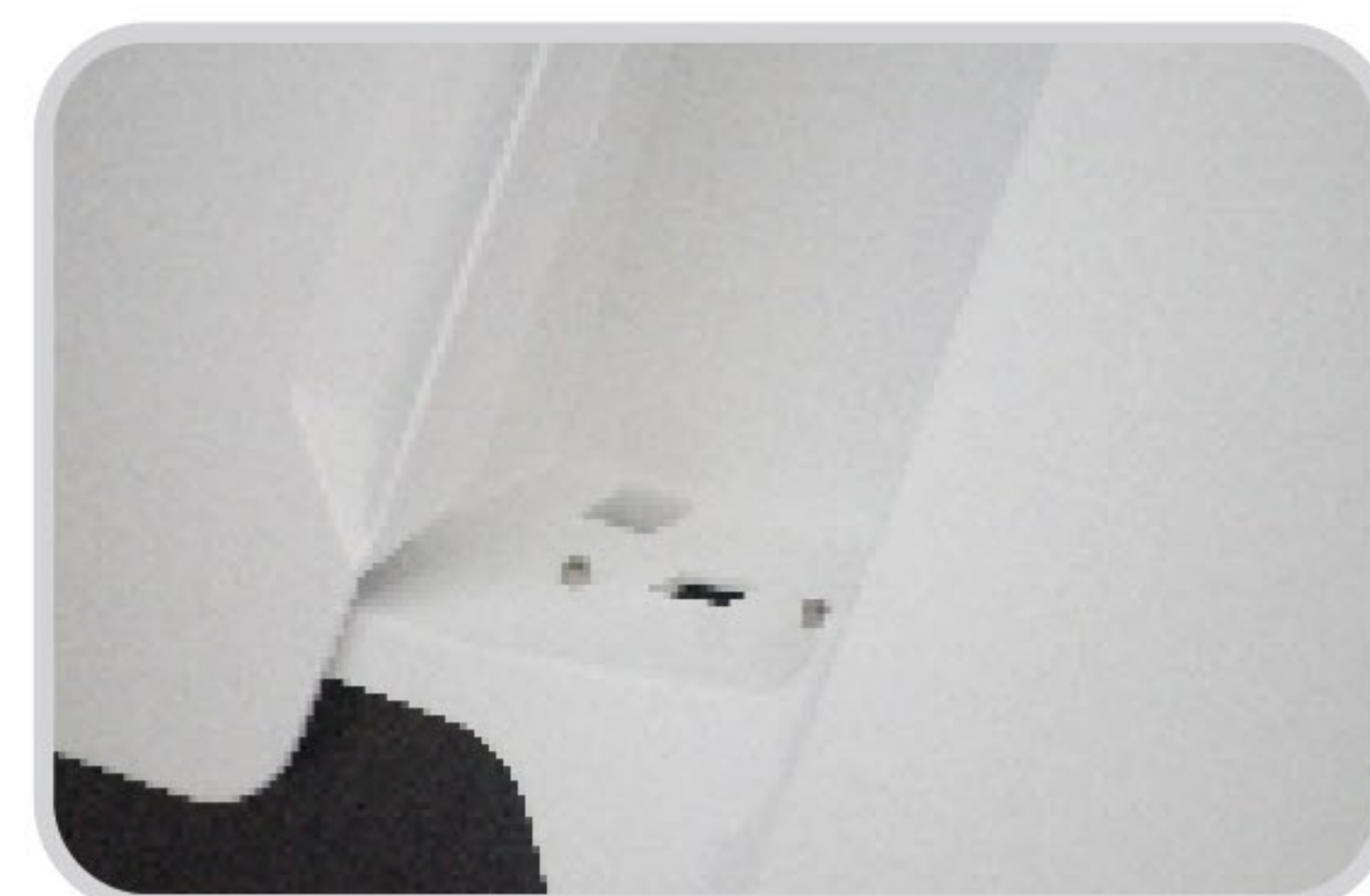
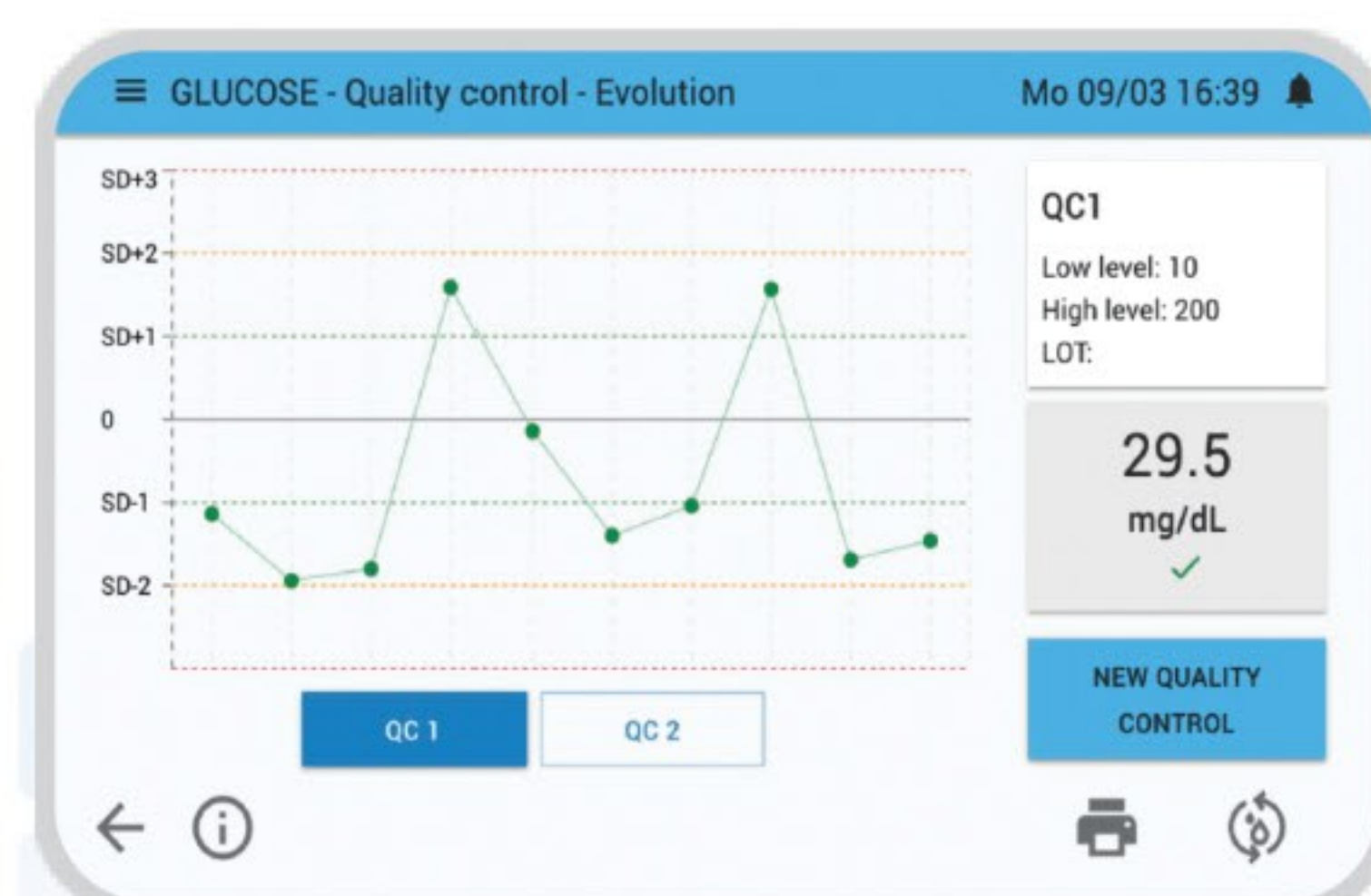
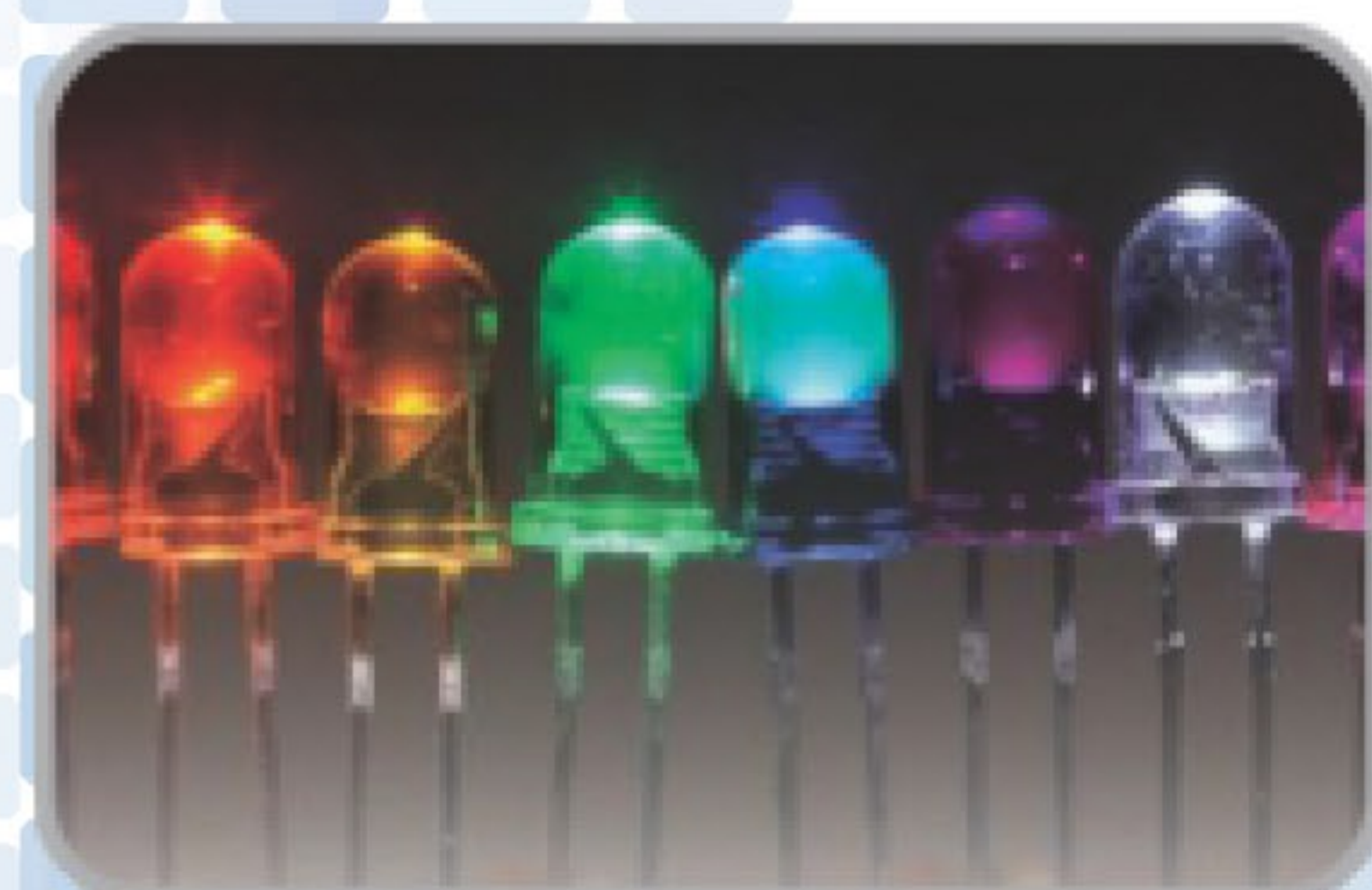
- A complete range of LEDs optimized for Biochemistry and Turbidimetric tests: 8 wavelengths. (340, 405, 505, 535, 560, 600, 635, 670 nm)
- Zero Maintenance hardware configuration.
- Accuracy, Extended life and Less power consumption.

Advanced Flow Cytometry:

- Quartz glass flow cuvette: Accurate & Error free results.
- 18 µL flow cuvette - lower reagent aspiration: Economical.
- Ease of testing : Use Flow Cuvette, Macro, Semi-micro or Micro Round tubes.

Huge Memory Space :

- Over 1 Lac results can be stored
- Maintains patient history with ease.



Wide Test Menu:

- Pre-programmed Biochemistry & Turbidimetric tests: Ready to use*
- Multiple user programs can be stored.
- Separate QC File: Easy Quality Monitoring

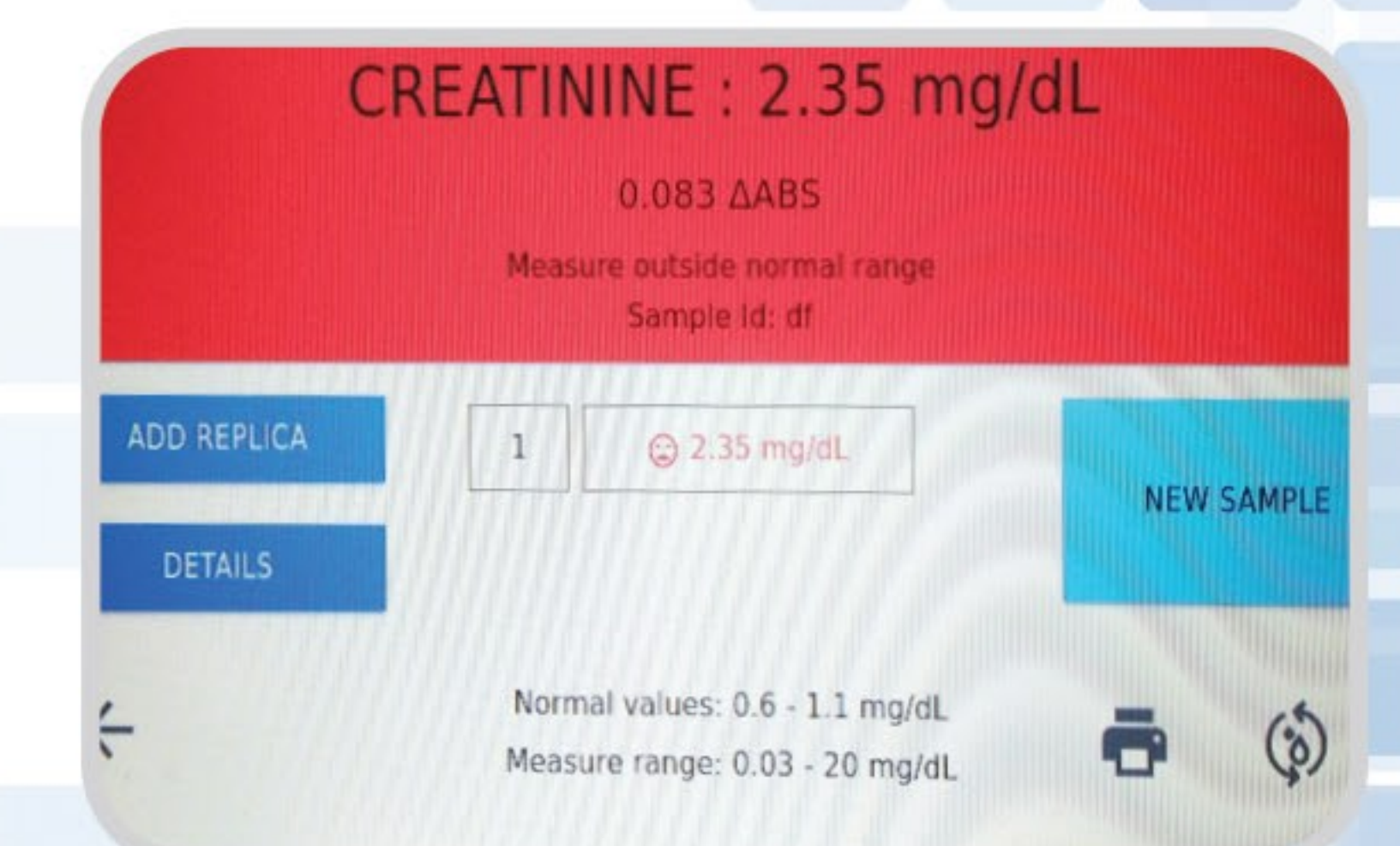
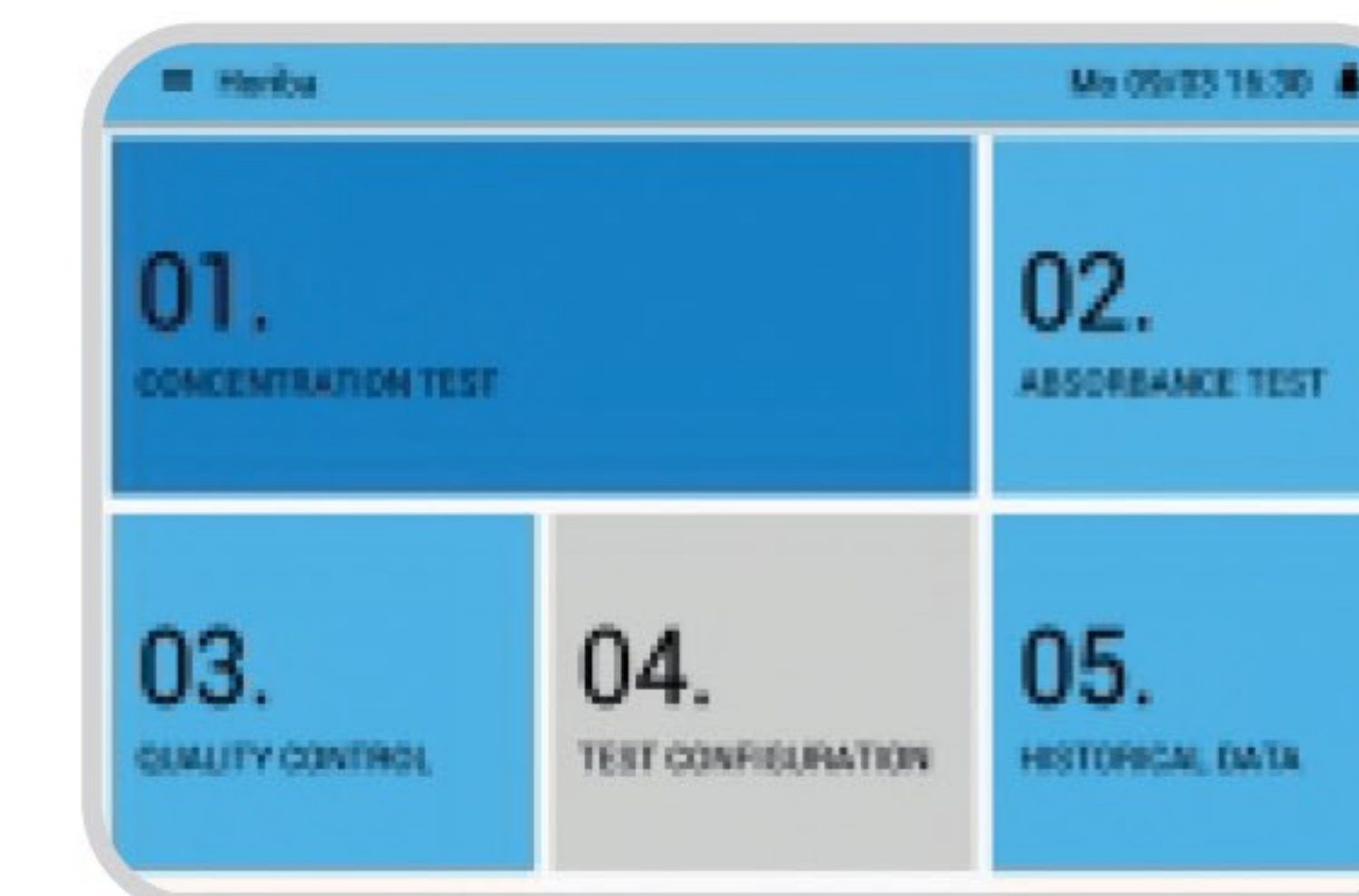
Yumizen CR
Clinical-Chemistry Reagents

Secure & Easy Connectivity :

- USB 3.0 : 2 ports – Easy data transfer
- Network :10/100M/1000M, Ethernet RJ45 – LIS ready

User Friendly Interface:

- 7" Touch Colored LCD
- Tile based menu configuration
- Easy to use
- Know results with the changing colours



*VERTICAL OVERLAY CONCEPT DESIGN
MULTI ARRAY LIGHT SYSTEM



TECHNICAL SPECIFICATIONS

OPTICAL SYSTEMS

- Range of Measurement : - 0.2 to 3.5 A all Wavelengths
- Wavelengths : 340, 405, 505, 535, 560, 600, 635, 670 nm
- Bandwidth : 10 nm $\pm$ 2 nm
- Light Source : LEDs
- Settings : Monochromatic and Bi-chromatic
- Measurement Accuracy : CV $\leq$ 1% at 0.1 A
CV $\leq$ 0.1% at 2 A

FLOW CUVETTE

- Cuvette : Quartz
- Volume : 18 μ l
- Removable Cuvette : Macro, Semi-micro & Micro
Round tubes (12 mm diameter)

FLUIDIC SYSTEM

- Aspiration Volume : 100 μ l to 5000 μ l
- Peristaltic Pump : Continuous flow system
- Operation Type : Stepper Motor
- Nominal Flow : 10 mL/min

THERMOSTAT SYSTEM

- Thermostatisation Range : 25° C to 37° C
- Temperature Accuracy : $\pm$ 0.5°C
- Temperature stability : $\pm$ 0.2° C in 30 minutes

METHODS OF CALCULATION

- Absorbance
- End Point
- Kinetic
- Differential Mode
- Fixed Time

CALIBRATION

- Factor
- Calibrator
- Calibration Curve

CALIBRATION CURVE

- Up to 5 Calibration Points
- Axis: Linear and Log
- Calculation Functions: Spline, Linear Regression, Quadratic Regression, Polygonal

QUALITY CONTROL

- 3 Controls per Test
- Levey-Jennings Control Chart
- Westgard's Rules

PROGRAMMING

- All Yumizen CR pre-programmed Biochemistry & Turbidimetric tests
- Multiple user programs
- More than 100,000 patient results storage
- Quality control storage of the last results

PROCESSING & CONNECTIVITY

- CPU : H6 Quad-core 64-bit 1.8GHZ ARM Cortex™-A53
- USB 3.0 Ports : 2 x USB 3.0 Host
- Onboard Network : 10/100M/1000M, Ethernet RJ45

PRINTER AND SCREEN

- Thermal printer
- Screen : 7" Touch Colored LCD

POWER CONSUMPTION

- Measurement : 5 W
- Standby : 2 W

EXTERNAL POWER SUPPLY

- Voltage : 100V-240 V
- Frequency : 50/60 Hz
- Output Power : 30 W
- Output Voltage : 15 V

PHYSICAL SPECIFICATIONS

- Operating Temperature : 10-35 °C
- Max Rel humidity : 85 %
- System Dimensions (HxWxD) : 310 x 245 x 440 mm
- System Weight : 5.465 kg



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