

# balio

diagnostics



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# AX - 40<sup>+</sup>

## Compact Biochemistry Analyzer

Programmable photometer

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# AX - 040<sup>+</sup>

## TECHNICAL SPECIFICATIONS

### MEASUREMENT METHODS

Kinetic, End Point, Two Points  
Measurement Principle: Photometry and Turbidimetry

### OPTICAL SYSTEM

8 Filters: 340 nm, 405 nm, 492 nm, 510 nm, 546 nm, 578 nm, 630 nm, and 1 free position.

Wavelength Accuracy: +/- 2 nm, with  $\leq 10$  nm

Stray Light: < 0.1% at 340 nm

### ABSORBANCE

Absorbance Range: 0 to 4.500 ABS

Absorbance Sensitivity: 0.001 ABS external and 0.0001 ABS internal

### INCUBATOR

Adjustable incubator up to 37°C, accuracy +/- 0.1°C

10 incubation positions + 3 timers

### SAMPLE VOLUME

0 - 3000  $\mu$ L, 400  $\mu$ L recommended

### PREPROGRAMMED TESTS

60 pre-programmed & 20 free.

### DATA STORAGE

10,000 samples

### CURVE QUALITY CONTROL

Levey-Jennings Curve with SD and CV% calculation

### READING CELL

32  $\mu$ L quartz glass, thickness: 10 mm, reusable

### LAMP

6V 10W halogen lamp with long lifespan

### SCREEN

Touchscreen, 7", color, LCD

### PRINTER

thermal internal printer

### INTERFACE.

RS232 port and LIS system

### OPERATIONAL ENVIRONMENT

Temperature: 0°C - 40°C - Humidity: 80%

### POWER SUPPLY

100 - 240 V AC, 60 Hz, 60VA

### DIMENSIONS

352 mm (L) x 266 mm (W) x 182 mm (H)

### WEIGHT

6 KG.