

# balio

diagnostics



AX - 040<sup>+</sup>

**Semi Auto Biochemistry Analyzer**  
**Programmable Photometer**

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

## TECHNICAL SPECIFICATIONS.

### MEASURING METHOD.

Absorbance measurement : Kinetic, End point, Two-point  
Measurement principle : photometry

### OPTICAL SYSTEM.

8 filters : 340 nm, 405 nm, 492 nm, 510 nm, 546 nm, 578 nm, 630 nm  
and 1 free position.  
Wavelength precision +/- 3 nm, width ≤ 10 nm.  
Stray light < 0.1% 340 nm.

### ABSORBANCE.

Absorbance range : 0 to 4.500 ABS,  
Absorbance precision : outside 0.0001 ABS and inside 0.00001 ABS.

### INCUBATOR.

Adjustable incubators until 37°C, precision +/- 0.1°C,  
10 incubation positions + 3 timers.

### SAMPLE VOLUME.

0 - 3000 µL, 400 µL recommended.

### DATA STORAGE.

10 000 samples.

### QUALITY CONTROL CURVE.

L-J quality control curve with SD and CV calculations.

### FLOW CELL.

32 µL quartz glass, thickness : 10 mm of, reusable.

### LAMP.

Philips 6V 10W halogen lamp, long working time.

### SCREEN.

Touch-screen, 7" color LCD.

### CPU.

ARM series high speed micro CPU.

### PRINTER.

Internal thermal printer.

### INTERFACE.

RS - 232 port, LIS system.

### OPERATING 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.