

balio

diagnostics



AX - 040⁺

Semi Auto Biochemistry Analyzer
Programmable Photometer

AX - 040⁺

TECHNICAL SPECIFICATIONS.

MEASURING METHOD.

Kinetic, End point, Twopoint, Absorbance.

OPTICS.

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

Wavelength precision +/- 2 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.

REPEATABILITY.

Repeatability CV : < 1%.

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.

X SD CV% L-J quality control curve for each test item.

FLOW CELL.

32 µL quartz glass, 10 mm interchangeable.

LAMP.

Philips 6V 10W halogen lamp with longer life time.

SCREEN.

Touch-screen, 7" color LCD.

CPU.

ARM series high speed micro CPU.

PRINTER.

Internal thermal sensitive printer.

INTERFACE.

RS - 232.

WORK ENVIRONMENT.

Temperature 0°C - 40°C

Humidity : 80%

POWER SUPPLY

100 - 240 VAC, 50-60 Hz, 100VA.

DIMENSIONS.

340 mm (L) x 270 mm (W) x 160 mm (H)

WEIGHT.

5 KG.

WITHOUT INCUBATOR.

Model without incubator on demand AX - 040.