

Fully Automated Urine Analyzer

AUTION MAX™

AX-4030



Urine Chemistry Analyzer
In pursuit of “MAX” perfection

AUTION MAX™

AX-4030



"High precision & Multiple functions" and yet "Acceptable dimensions"

Three functions of measuring /detecting color hue, turbidity and unusual color development of the strip on top of 10-way strip + SG make a speedy and overall diagnosis possible. The desk space is 530mm x 530mm.

High precision screening for renal diseases is possible even with the spot urine.

With the adoption of the "AUTION Sticks 10PA" that allows urine creatinine to be measured, the spot urine can be used for high precision urine protein measurement, thus avoiding influences from urine dilutions or concentrations.



Unique Sample Delivery System

Two strip feeders

AUTION Sticks (10EA & 10PA) can be loaded. When the two feeder-boxes are filled with the strips, continuous measurement of up to 400 tests can be made.



Large Strip Storage Boxes (strip feeders)

"Sample delivery system" enables micro volume samples to be measured

As the sample is drawn through the nozzle and delivered correctly and quantitatively to each pad of the strip, the micro volume samples (minimum 2ml) can be measured easily. No cross contaminations are found on the reagent portions despite high sample volume.

Specification

Sample	Urine	Sample container	Test tube
Test items	Glu, Pro, Bld, Bil, Uro, pH, Ket, Nit, Leu, Cre, S.G. Color tone, Turbidity, (Pro/Cre ratio by calculation)	Maximum sample load	100 samples (Circulation)
Wavelength	5 LED wavelengths (430, 500, 565, 635, 760nm)	Data memory	2,700 tests (including 200 control tests)
Measurement principle	Test strip : Dual-wavelength reflectance method (One-wavelength for Bld) Specific gravity : Reflection refractometry Color hue : Light-transmission measurement Turbidity : Light-scattering measurement method	Display	Large color liquid crystal display (320 x 240 dots)
Test strip	AUTION Sticks (10EA & 10PA)	Built-in printer	24 digits thermal printer (width : 58mm)
Reaction time	60 sec.	External output	RS-232C, Ethernet (Option)
Throughput	225 samples per hour	Communication method	One-way or two-way
Strip storage	Maximum 400 strips (200 strips x 2 feeder boxes)	Operating environment	Temperature : 10-30℃, Humidity: 20-80% RH (No condensation)
Required sample volume	2mL or more	Analysis environment	Temperature : 10-30℃, Humidity : 30-60% RH (No condensation)
Sample consumption	0.95mL	Power supply	AC100V-240V 50/60Hz
		Power consumption	150VA (Maximum)
		Dimensions	530mm(width) x 530mm(depth) x 530mm(height)
		Weight	41Kg (including the Sampler unit 4kg)

※Design and specifications may be changed without prior notice

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