

Fully Automated Urine Analyzer



AUTION MAX™

AX-4030

*Stand-alone Urine Chemistry Analyzer
or
Total Urinalysis System
In pursuit of
"MAX" perfection*



Simple Line Bridge

■ Total Urinalysis System
Automated Urine Chemistry Analyzer
+
Automated Urine Microscopy Analyzer



ARKRAY, Inc.

Fully Automated Urine Analyzer

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.

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.

"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.



Unique Sample Delivery System



Large Strip Storage Boxes (strip feeders)

■ Specification

Sample	Urine
Test items	Glu, Pro, Bld, Bil, Uro, pH, Ket, Nit, Leu, Cre, S.G. Color hue, Turbidity, (Pro/Cre ratio by calculation)
Wavelength	5 LED wavelengths (430, 500, 565, 635, 760nm)
Measurement principle	Test strip : Dual-wavelength reflectance method (One-wavelength for Bld) Specific gravity : Transmission refractometry method Color hue : Reflectivity measurement method Turbidity : Light-scattering measurement method
Test strip	AUTION Sticks (10EA & 10PA)
Reaction time	60 sec.
Throughput	225 samples per hour
Strip storage	Maximum 400 strips (200 strips x 2 feeder boxes)
Required sample volume	2mL or more
Sample consumption	0.95mL
Sample container	Test tube
Maximum sample load	100 samples (Circulation)
Data memory	2,700 tests (including 200 control tests)
Display	Large color liquid crystal display (320 x 240 dots)
Built-in printer	24 digits thermal printer (width : 58mm)
External output	RS-232C, Ethernet (Option)
Communication method	One-way or two-way
Operating environment	Temperature : 10-30C, Humidity: 20-80C (No condensation)
Analysis environment	Temperature : 10-30C, Humidity : 30-60 (No condensation)
Power supply	AC100V-240V 50/60Hz
Power consumption	250VA (Maximum)
Dimensions	530mm(width) x 530mm(depth) x 530mm(height)
Weight	41Kg (including the Sampler unit 4kg)

※Design and specifications may be subject to change without notice.

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