

Semi-Automated Urine Analyzer



AUTION MINI™

AM-4290



Provides high reliability by combining essential urine analysis technology

- A function aspirates excessive urine
- Operation without the noise of aspiration
- Memory for up to 100 measured data
- High-precision temperature compensation function
- Exclusive test strip "AUTION STICKS"



ARKRAY, Inc.

Semi-Automated Urine Analyzer

AUTION MINI™

AM-4290

High performance and high reliability

AUTION MINI AM-4290 enables measurement with higher precision by combining a simple mechanism with high-accuracy measurement technology. It boasts high reliability and durability, employing semi-permanent LEDs for the optical system (display).



Silent operation

AM-4290 installs a function which aspirates excessive urine to prevent cross-contamination. It sends the excessive urine to a special-purpose tray without the noise of aspiration by using the capillary phenomenon and gravity.

High-precision temperature compensation function

AM-4290 install a temperature compensation function with an operating range of from 10 to 30°C, which eliminates errors caused by temperature change beyond the ambient temperature range for optimal use (20-25°C) of exclusive test strips.



AUTION STICKS
9EA, 8EA, 7EA, 6EA, 5EA and 4EA, are sold only in designated areas.

Convenient information buzzer

The signal display & buzzer tells you the timing for dipping the test strips in urine samples.

Memory for measured data

AM-4290 can classify the measured data by type and store the data for up to 100 samples. The data can be also freely searched and controlled with dates or identification numbers.

Simple maintenance

Only 2 parts, the test strip holder and the tray for excessive urine, require maintenance after use.

Portable and lightweight with simple installation

AM-4290 is a compact body without tubes and weights only 3kg. One person can carry and install it easily.

Specification

Sample	Urine
Test items	GLU, PRO, BIL, URO, PH, SG, BLD, KET, NIT, LEU
Wavelength	3 LED wavelengths (565, 635, 760nm)
Measurement principle	Reflectance method with coloration reaction of test strip Dual-wavelength reflectivity measurement method with 45-degree reflection method
Test strip	AUTION STICKS
Processing speed	120 samples per hour
Data memory capacity	100 measurements (maximum)
Display	20-digit × 2-line liquid crystal display
Built-in printer	24-digit thermal type
External output	RS-232C
Communication type	Uni-directional
Communication rate	Selectable: 1200, 2400, 4800dps
Operating environment	Temperature: 10-30℃, Humidity 20-80% (with no condensation)
Analysis environment	Temperature: 10-30℃, Humidity 30-60% (with no condensation)*Using temperature compensation
Power supply	AC 110-240V 50/60Hz
Power consumption	30 VA (maximum)
Dimensions	350 (width) × 315 (depth) × 130 (height) mm
Weight	3kg

Design and specifications may be subject to change without notice.



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