

Compact Urine Analyzer

PocketChem UA

PU-4010



It's lightweight, small and mobile

PocketChem UA

PU-4010



Corrective features for obtaining accurate test results

Accurate readings can be obtained by eliminating the effects of chromaturia using the color correction test pad, by compensating measurements for the temperature of the surrounding environment using a built-in temperature sensor and by correcting specific gravity based on pH readings.

Palm-sized analyzer driven by two batteries

The analyzer is detachable from the printer.

The analyzer is really portable and mobile.

Simple operation. Just press the start button

Measurement is performed by simply pressing the start button and placing a test strip. Test results can be simultaneously viewed on the display and printed out from the printer.

Reliable test results with Creatinine correction

Even with the use of spot urine, test results are reliable and are not affected by urine dilutions or concentrations. The P/C ratio or A/C ratio is effective for the screening of renal diseases.

Specifications

Sample	Urine
Test strips	AUTION Sticks/ Uriflet S (9UB)* / AUTION SCREEN * Except devices with 10V specifications
Measurement items	GLU (glucose), PRO (protein), BIL (bilirubin), URO (urobilinogen), S.G. (specific gravity), BLD (blood), PH (pH), KET (ketones), NIT (nitrite), LEU (leukocytes), CRE (creatinine) and ALB (albumin).
Measurement principle	Test strip: Dual wavelength reflectance method. (one wavelength for BLD measurement)
Measurement wavelengths	3 wavelengths LED (565, 635, 760 nm)
Sample supply method	Manual dipping
Measurement capacity	50 tests per hour
Test strip reaction time	About 60 seconds per test
Measurement types	Normal measurement and check measurement
Display	Custom LCD that displays information including type of test strip, measurement number (up to 4 digits), patient ID (up to 13 digits) and test results.
Operator panel	Panel sheet that provides 14 buttons including numeric buttons and start button.

Memory capacity	Test results for 100 samples
External output	Compliant with RS-232 C
Measurement environment	Temperature: 10 to 30 °C; Humidity: 30 to 60 % R.H. (non-condensing) *Temperature correction function used
Dimensions	124 (W) x 81 (D) x 36 (H) mm
Weight	180 g (without batteries)
Power supply	Instrument only: Two AA alkaline batteries or AC adapter Instrument with printer: AC adapter 7.5 V 3 A
Power consumption	3 W

Printer specifications

Printer	Thermal recording printer
Printer paper	High color development thermal paper (W 58 mm x ϕ 26 mm)
Dimensions	125 (W) x 133 (D) x 36 (H) mm
Weight	180 g (without printer paper)
Power supply	AC adapter 7.5 V 3 A
Power consumption	20 W

Legal manufacturer

arkray factory, inc.

1480 Koji Konan-cho, Koka, Shiga-ken 520-3306, JAPAN

European representative

arkray europe, b.v.

Prof. J.H. Bavincklaan 2, 1183 AT Amstelveen, THE NETHERLANDS

<https://www.arkray.eu/english/>

*Designs and specifications may be changed without prior notice.

arkray global business, inc.

Yousuien-nai, 59 Gansuin-cho, Kamigyo-ku,

Kyoto 602-0008, JAPAN

TEL 81-75-662-8979 FAX +81-75-431-1202