

Semi-Automated Urine Chemistry Analyser

UC-1000

Every Drop Counts



Chemistry analysis that integrates into your workflow - anywhere

Basic urinalysis needs to be performed in many locations and with varied order profiles. Flexible equipment that can be placed anywhere and is easy to handle, without compromising on the reliability of results.



Sysmex's UC-1000 is a versatile, semi-automated urine test strip analyser that you can integrate into your urinalysis workflow in many ways.

UC-1000 becomes a true part of any UN-Series installation, including integration into the rule set that customises your workflow, when you connect it via the UN-Series' work area manager U-WAM. This is the ideal scenario if you are looking for a backup for your UC-3500 fully automated system or if you do not run many chemistry tests and only require a small system for processing individual test strip order requests.

UC-1000 is equally valuable as a stand-alone system - be it in laboratories with a smaller overall urinalysis workload or in a point-of-care setting, such as a GP's office or in a hospital ward.

Good Chemistry

Different test strips are available with 10 or 12 test pads, the latter includes microalbumin and creatinine tests. They can also be used for manual reading-there's a colour chart on each bottle. Differentiation between intact red blood cells and free haemoglobin is also possible.

State-of-the-art Technology

The UC-1000 uses multi-wavelength reflectance photometry with a 'self-documenting' feature. When measuring the colour change brought on by the reactions in the test pads, images of the test strip are captured and scanned, from which the actual reflectivity analysis is then performed.



The image file of each analysed test strip is stored, meaning you can view it at any time, for example for an error verification.

This technology ensures that neither the analysis environment – such as lighting conditions – nor irregularities of the test strips themselves influence the analysis, which helps increase the consistency of the results.



Key Benefits

Fits and integrates anywhere

- Lightweight with small footprint
- As part of the UN-Series by connecting it to U-WAM
- Equally effective as a stand-alone solution



Convenient use

- Simple two-step analysis "dip & place"
- User-friendly software for intuitive operation
- Hygienic with easy cleaning procedure



Fast turnaround time

- Analysis takes less than a minute
- Load another test strip every 8 seconds



Clinical values

- Microalbumin and creatinine testing available
- Distinguishes between red blood cells and free haemoglobin



Specifications

Technologies	Reflectance photometry with CMOS camera
Test strips	Meditape UC-10S, Meditape UC-12S
Parameters	<u>Test strips parameters</u> pH, SG, GLU, PRO, BLD, URO, KET, BIL, NIT, LEU, CRE (12S only), ALB (12S only) <u>System parameters</u> ALB/CRE ratio (12S only), PRO/CRE ratio (12S only)
Throughput	Max. 480 samples/hour
Options	Connection to the UN-Series configurations via U-WAM (Urinalysis Work Area Information Management System) Connection to a hand-held barcode reader
Data storage	5000 samples / 5000 images of test strips
Dimensions/weights	Main unit: Approx. 315 x 135 x 215 mm / 2.6 kg
Display	5.7" colour LCD display
Voltage	100 to 240 V AC (50/60 Hz)
Power consumption	30 VA

Design and specifications may be subject to change due to further product development.

Sysmex Asia Pacific Pte Ltd
Tel +65 6221-3629 Fax +65 6221-3687
www.sysmex-ap.com

Sysmex India Pvt. Ltd
Tel +91 (22) 6112-6666
www.sysmex.co.in

PT Sysmex Indonesia
Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699
www.sysmex.co.id

Sysmex (Malaysia) Sdn Bhd
Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688
www.sysmex.com.my

Sysmex New Zealand Ltd
Tel +64 (9) 630-3554
www.sysmex.co.nz

Sysmex (Thailand) Co., Ltd
Tel +66 (2) 032-2536 Fax +66 (2) 116-5396
www.sysmex.co.th

Sysmex Philippines Inc.
Tel +63 (2) 621-2460 Fax +63 (2) 621-2432
www.sysmex.com.ph

Sysmex Vietnam Co., Ltd
Tel +84 02(8) 3997 9400 Fax +84 02(8) 3997 9405
www.sysmex.com.vn

Sysmex Vietnam Co., Ltd (Hanoi Branch)
Tel +84 02(4) 3776-7020 Fax +84 02(4) 3776 7022
www.sysmex.com.vn

Sysmex Australia Pty Ltd
Tel +61 (2) 9016-3040
www.sysmex.com.au