

MACHEREY-NAGEL

# Urine Analysis



## URYXXON® Relax

- Non-touch operation – easy and clean
- Optimized patient data management
- Great design – great functionality

Medi-Test

**MACHEREY-NAGEL**

[www.mn-net.com](http://www.mn-net.com)



## Automated urinalysis at the point of care

The URYXXON® Relax provides dependable urine status results to detect early stages of many diseases such as diabetes, kidney disease and urinary tract infections. Instrument-read results have long proven to be advantageous for both, busy health care professionals and patients. URYXXON® Relax readings eliminate the subjectivity of visual color interpretation. The comprehensive interface options and the optimized printouts minimize risks associated with manual transcriptions. Reliable results can be obtained virtually immediate at the point of care. The URYXXON® Relax makes urinalysis simpler and more reliable.



Found to be the most user friendly device by six out of nine first time users within an analytical performance study.

Source:

*Schot MJC, van Delft S, Kooijman-Buiting AMJ, et al. Analytical performance, agreement and userfriendliness of six point-of-care testing urine analysers for urinary tract infection in general practice. BMJ Open 2015;5:e006857. doi:10.1136/bmjopen-2014-006857*



## Technical specifications

Instrument memory	200 patient test results including name or patient ID
Interface	User: Touchscreen display, alphanumeric input, password protection Computer: USB interface for connection to PC alternatively RS232 interface for connection to PC PS/2 interface for connection of keyboard and / or barcode reader
Power requirements	110–240 V AC, automatic Battery powered operation (optional) with 6 AA batteries
Dimensions / Weight	Depth: 20 cm (7.9 inches) Width: 16 cm (6.3 inches) Height: 7.5 cm (3.0 inches) Weight: 710 g (1.90 lb) (without batteries and power supply)
Operation	Temperature range: 10–40 °C (50–104 °F) Humidity range: 20–80 % relative humidity, non condensing Calibration: automatic, self calibrating
Capacity	50 strips per hour
CE	CE certified

## Intended use

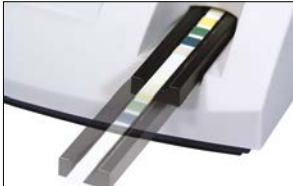
URYXXON® Relax is for the instrumental evaluation of URYXXON® Stick 10 urine test strips. It is for the semi-quantitative detection of blood (occult), urobilinogen, bilirubin, protein, nitrite, ketones, glucose, pH, specific gravity and leukocytes.

URYXXON® Relax and URYXXON® Stick 10 are CE marked according to the IVD directive 98/79/EG.

Now also suitable for the evaluation of microalbumin test strips.



## 7 convincing features for optimized usability



### Non-touch operation

After placing the strip on the instrument, the measurement is started automatically. No further action is needed which makes the operation easy and clean.



### Graphic display

On the 128 x 128 pixel graphic screen results for all 10 parameters are conveniently displayed on one page. Pathological results are clearly marked which makes further diagnostic decisions straightforward.



### Touchscreen

Operation with touchscreen makes using the instrument a real pleasure. All functions can easily be accessed with a dip on the screen. Optionally an external keyboard can also be connected, so patient names can be comfortably introduced.



### Interface options

The instrument carries an USB as well as an RS232 interface. It can easily be connected to existing laboratory information systems.



### Small footprint for mobile operation

Due to the small footprint of only 16 x 20 cm mobile use of the device is highly comfortable. Combined with the option for battery operation this is the ideal instrument for near-patient-testing.



### Power supply with batteries possible

Optional battery operation enables to use the instrument wherever it is needed. Of course the instrument can also be powered using a 110/240 V autoswitch mains adaptor.



### Memory for 200 measurements

Up to 200 measurements can be stored. Using internal functions positive readings can easily be filtered out, enabling further diagnosis when necessary.

## Medi-Test ordering information

REF	REF	Type	with test fields for determination of
50 strips per pack	100 strips per pack		Glucose Ketones Ascorbic acid Protein/Albumin Blood Leukozytes Nitrite Density pH value Bilirubin Urobilinogen Creatinine
930 01	930 24	Glucose <sup>1)</sup>	
930 25	930 20	Glucose/ Ketone <sup>1)</sup>	
930 04	930 27	Protein 2 <sup>1)</sup>	
930 05	930 28	Ketone <sup>1)</sup>	
930 06	930 29	Nitrite <sup>1)</sup>	
930 12	–	Urbi	
930 15	930 37	Combi 2 <sup>1)</sup>	
930 07	930 30	Combi 3 A®	
930 09	930 32	Combi 5	
930 35	930 36	Combi 5 N®	
930 55	–	Combi 5 S	
930 18	930 78	Combi 6	
930 13	930 34	Combi 6 A	
930 10	930 22	Combi 7	
–	930 21	Combi 8 L	
930 11	930 23	Combi 9®	
–	930 56	Combi 10®	
930 79	930 58	Combi 10® L	
930 77	930 67	Combi 10® SGL	
–	930 68	URYXXON® Stick 10 <sup>2) 3)</sup>	
930 874	–	Microalbumin <sup>3) 5)</sup>	

## Further Medi-Test urine test strips

### Test strips for veterinary applications

– 930 870 Combi 10® VET <sup>4)</sup>

### Test strips for detection of urine adulteration

930 19 – Medi-Test Adulteration Stick <sup>4)</sup> for the detection of urine adulteration prior to drugs-of-abuse tests with test fields for Creatinine, Glutaraldehyde, Nitrite, pH, Oxidants and Density

All products (except <sup>4)</sup>) are CE-marked according to the directive 98/79/EC

<sup>1)</sup> suitable for patient self-testing <sup>2)</sup> for evaluation with reflectometer URYXXON® 500 <sup>3)</sup> for evaluation with reflectometer URYXXON® Relax

<sup>4)</sup> not an IVD product (no CE-mark) <sup>5)</sup> pack of 24 test strips

### Instruments for urine test strips

930 88 URYXXON® Relax, automated urine analysis at the point of care

930 080 URYXXON® 500, high performance automated urine analysis

### Accessories and spare parts

930 38 Medi-Test Control, solution to check Medi-Test urine test strips and URYXXON® instruments

930 65 Printer paper for URYXXON® Relax, pack of 5 rolls

930 890 Strip adaptor for URYXXON® Relax

930 71 Printer paper for URYXXON® 300 and URYXXON® 500, pack of 5 rolls

930 74 Barcode scanner for URYXXON® instruments

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