

Diagnostic test strips for urine analysis

REF	Type	with test fields for determination of											
100 strips per pack		Glucose	Ketones	Ascorbic acid	Protein/Albumin	Blood	Leukozytes	Nitrite	Density	pH value	Bilirubin	Urobilinogen	Creatinine
930 24	Glucose <sup>1)</sup>	■											
930 20	Glucose / Ketone <sup>1)</sup>	■	■										
930 27	Protein 2 <sup>1)</sup>				■					■			
930 28	Ketone <sup>1)</sup>		■										
930 29	Nitrite <sup>1)</sup>							■					
–	Urbi												
930 37	Combi 2 <sup>1)</sup>	■			■						■	■	
930 30	Combi 3 A®	■		■	■					■			
930 32	Combi 5	■		■	■	■				■			
930 36	Combi 5 N®	■		■	■	■		■		■			
–	Combi 5 S	■	■		■	■				■			
930 78	Combi 6	■			■	■	■	■				■	
930 34	Combi 6 A	■	■	■	■	■				■	■		
930 22	Combi 7	■	■	■	■	■		■		■			
930 21	Combi 8 L	■		■	■	■	■	■	■	■			
930 23	Combi 9®	■	■	■	■	■		■		■	■	■	
930 56	Combi 10®	■	■	■	■	■		■	■	■	■	■	
930 58	Combi 10® L	■	■	■	■	■	■	■		■	■	■	
930 67	Combi 10® SGL	■	■		■	■	■	■	■	■	■	■	
930 68	URYXXON® Stick 10 <sup>2) 3)</sup>	■	■		■	■	■	■	■	■	■	■	
–	Microalbumin <sup>3) 5)</sup>				■	■							■

All products (except <sup>4)</sup>) are CE-marked according to the directive 98/79/EC  
<sup>1)</sup> suitable for patient self-testing 2) for evaluation with reflectometer URYXXON® 500 3) for evaluation with reflectometer URYXXON® Relax  
<sup>4)</sup> not an IVD product (no CE-mark) 5) 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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Exclusively Marketed In India By:  
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Reliable urine analysis

- Urine analysis with test strips
- URYXXON® Relax  
automated urine analysis at the point of care
- URYXXON® 500  
high performance urine analysis

**Fugen**  
B I O M E D

**MN**  
Since 1911



## The company

### MACHEREY-NAGEL

We are pleased that you are interested in our high-quality medical test strips. This brochure gives you an overview over our different products and applications in the fields of urine analysis.

Since its foundation in 1911, the roots of MACHEREY-NAGEL are the production of high-quality filter papers. Since the fifties, we have developed filter papers into top quality test papers for laboratory use. Today, we offer the world's largest selection of different test papers. Additionally, we offer a versatile program of special products for analytical chemistry including Chromatography, Water Analysis and Bioanalysis.

The production facilities of our test strips, as well as our company headquarter, are located in Duren (Germany). Local sales offices for test strips are found in Switzerland, France and the US.

### Medical test strips

In the late seventies, MACHEREY-NAGEL started producing high-quality test strips for urine analysis. At that time, we were the fourth manufacturer of such test strips worldwide. Since then we have continuously developed the chemistry of our test strips. We are proud that today customers in more than 70 countries trust the outstanding quality of our medical test strips.

### Certified quality

Already since 1996, MACHEREY-NAGEL is certified according to EN ISO 9001. Obviously, we are also certified according to EN ISO 13485 and fulfill the requirements of the European Medical Device and IVD Directives. Today, we are among the few manufacturers who can offer urine test strips with CE certification not only for professionals, but also for patient self-testing.

## Urine analysis

### Urine analysis with test strips

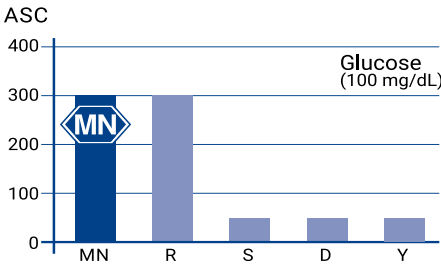
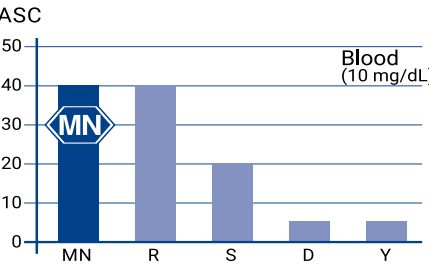
Urine test strips from MACHEREY-NAGEL are especially user-friendly. Due to the high resistance towards ascorbic acid interferences a second testing for sensitive parameters such as blood or glucose is unnecessary in most cases. The optimized, flexible shape of the test strips also allows the examination of very small amounts of urine. This makes urine analysis reliable and easy.

### Best available vitamin C protection

The test pads for glucose and blood have the best available protection against interferences caused by vitamin C (ascorbic acid). This ensures correct results even when fruit juice or vitamin tablets are consumed. Eating restrictions do not apply.

The excretion of vitamin C is harmless in itself. However, vitamin C interferes with important oxidation reactions. With many test strips this leads to false negative readings for blood and glucose.

The Medi-Test technology overcomes the influence of vitamin C. This ensures optimal and safe results for all important urine parameters.



## URYXXON® Relax

### Automated urine analysis at the point of care

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 immediately at the point of care. The URYXXON® Relax makes urine analysis easier and more reliable.

### Technical specifications

#### Capacity

- 50 strips/h

#### Instrument memory

- 200 patient test results including name or patient ID

#### Interface

- User: Touch-screen display, alphanumeric input, password protection
- Computer: USB interface for connection to PC alternatively RS 232 interface for connection to PC and 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 (8 inches)
- Width: 16 cm (6 inches)
- Height: 7.5 cm (3 inches)
- Weight: 710 g (1.90 lb), without batteries and power supply

#### Operation

- Temperature range: 10 ?C–40 ?C (50 ?F–104 ?F)
- Humidity range: 20–80% relative humidity, non condensing
- Calibration: automatic, self-calibrating



Medi-Test URYXXON® Stick 10

## URYXXON® 500

### High performance urine analysis

The URYXXON® 500 is an automatic reader for URYXXON® Stick 10 urine test strips. It is ideal for use in hospitals and practices. The "easy-to-use-features" allow hygienic operation with hardly any training. The device eliminates the subjectivity of visual strip evaluation and minimizes risks associated with manual result transcription. The URYXXON® 500 makes urine analysis quicker, easier and more reliable.

### Technical specifications

#### Capacity

- 40 strips/h

#### Instrument memory

- 500 patient test results including name or patient ID

#### Interface

- User: Touch-screen display, alphanumeric input, password protection
- Computer: 1 x USB and 2 x RS 232 interfaces for connection to PC, PS/2 interface for connection of keyboard and/or barcode reader

#### Power requirements

- 110–240 V AC, automatic

#### Dimensions / Weight

- Depth: 24 cm (9.5 inches)
- Width: 28 cm (11 inches)
- Height: 15 cm (5.9 inches)
- Weight: 3.9 kg (10.5 lb), without power supply

#### Operation

- Temperature range: 10 ?C–40 ?C (50 ?F–104 ?F)
- Humidity range: 20–80% relative humidity on-condensing
- Calibration: automatic, self-calibrating



Medi-Test URYXXON® Stick 10