

# Urine analysis

Medi-Test • Medi-Test • Medi-Test



## URYXXON® 500

**Quick** – Reads 400 strips per hour

**Easy** – Touch screen operation

**Hygienic** – Automatic strip detection

MACHEREY-NAGEL

**MN**  
Since 1911

## High performance urine analysis

The URYXXON® 500 is an automatic reader for URYXXON® Stick 10 urine test strips. With a capacity of 400 strips per hour, it is ideal for use in hospitals and practices. The "easy-to-use-features" allow hygienic operation with hardly any training. The URYXXON® 500 provides dependable urine status results to detect early stages of many diseases such as urinary tract infections, kidney diseases or diabetes. 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

### Instrument memory

- 500 patient test results including name or patient ID

### Sediment

- 30 user defined sediment parameters with 5 levels each
- Optional external sediment keyboard

### Interface

- User: Touch screen display, alphanumeric input, password protection
- Computer: 1 x USB (type B) and 2 x RS232 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)

### Operation

- Temperature range: 5-40 °C (41-104 °F)
- Humidity range: 20-80% relative humidity, non condensing
- Calibration: automatic, self calibrating

### Capacity

- 400 strips per hour

## Intended use

The URYXXON® 500 is for the automatic evaluation of URYXXON® Stick 10 urine test strips. It provides reliable results for the semi-quantitative detection of the following parameters in urine: blood, urobilinogen, bilirubin, protein, nitrite, ketones, glucose, pH, specific gravity and leukocytes. URYXXON® 500 and URYXXON® Stick 10 are CE marked according to the IVD-directive 98/79/EG.

## Improvements for your lab



### Easy and intuitive

Operating the URYXXON® 500 is easy. Access all functions using the easy-to-follow menu on the touch screen. It nearly eliminates the need for training and makes urine analysis more reliable.



### Informative and unique

Add microscopic evidence to the urine chemistry results using the sediment terminal. Powerful user defined sieve functions only admit those samples to sediment analysis that need further diagnostic.



### Clean and hygienic

Start the measurement without touching the instrument. Simply place the strip on the transport tray, the detector will recognize it and automatically start the measurement.



### Fast and efficient

Once turned on, the URYXXON® 500 is immediately ready for use. It reads up to 400 strips per hour ensuring fast urine chemistry results.



### Accurate and convenient

Use a barcode reader to enter patient IDs. Set up lists of samples with ease and convenience and quickly add urine chemistry results to the patient file in your laboratory information system.



### Reliable and safe

Use the QC menu to maintain clinical reporting standards with ease and convenience. Medi-Test Control solutions are ideal to ensure correct results at any time.



### Small and practical

Free up space with the smallest instrument in its class. With a size of only 28x24 cm (11x9,4 in) the URYXXON® 500 fits onto every bench. The clear design allows access to all parts and makes cleaning easy.

**Test strips for urine analysis**

| REF                | REF                 | Medi-Test type                            | with test fields for determination of |         |               |         |       |            |         |                  |          |           |              |            |                |          |
|--------------------|---------------------|---|---------------------------------------|---------|---------------|---------|-------|------------|---------|------------------|----------|-----------|--------------|------------|----------------|----------|
| 50 strips per pack | 100 strips per pack |   | Glucose                               | Ketones | Ascorbic acid | Protein | Blood | Leukocytes | Nitrite | Specific Gravity | pH value | Bilirubin | Urobilinogen | Creatinine | Glutaraldehyde | Oxidants |
| 930 01             | 930 24              | Glucose <sup>1)</sup>                     | ●                                     |         |               |         |       |            |         |                  |          |           |              |            |                |          |
| 930 03             | 930 26              | Glucose 3 <sup>1)</sup>                   | ●                                     | ●       | ●             |         |       |            |         |                  |          |           |              |            |                |          |
| 930 04             | 930 27              | Protein 2 <sup>1)</sup>                   |                                       |         |               | ●       |       |            |         |                  | ●        |           |              |            |                |          |
| 930 05             | 930 28              | Keton <sup>1)</sup>                       |                                       | ●       |               |         |       |            |         |                  |          |           |              |            |                |          |
| 930 06             | 930 29              | Nitrit <sup>1)</sup>                      |                                       |         |               |         |       |            | ●       |                  |          |           |              |            |                |          |
| 930 12             | –                   | Urbi                                      |                                       |         |               |         |       |            |         |                  |          | ●         | ●            |            |                |          |
| 930 15             | 930 37              | Combi 2 <sup>1)</sup>                     | ●                                     |         |               | ●       |       |            |         |                  |          |           |              |            |                |          |
| 930 07             | 930 30              | Combi 3 A <sup>(4)</sup>                  | ●                                     |         | ●             | ●       |       |            |         |                  | ●        |           |              |            |                |          |
| 930 09             | 930 32              | Combi 5 <sup>4)</sup>                     | ●                                     |         | ●             | ●       | ●     |            |         |                  | ●        |           |              |            |                |          |
| 930 35             | 930 36              | Combi 5 N <sup>(4)</sup>                  | ●                                     |         | ●             | ●       | ●     | ●          | ●       |                  | ●        |           |              |            |                |          |
| 930 55             | –                   | Combi 5 S <sup>4)</sup>                   | ●                                     | ●       |               | ●       | ●     |            |         |                  | ●        |           |              |            |                |          |
| 930 18             | 930 78              | Combi 6 <sup>4)</sup>                     | ●                                     |         |               | ●       | ●     | ●          | ●       | ●                |          |           | ●            |            |                |          |
| 930 13             | 930 34              | Combi 6 A <sup>4)</sup>                   | ●                                     | ●       | ●             | ●       | ●     | ●          |         |                  |          | ●         | ●            |            |                |          |
| 930 10             | 930 22              | Combi 7 <sup>4)</sup>                     | ●                                     | ●       | ●             | ●       | ●     | ●          | ●       | ●                |          | ●         |              |            |                |          |
| –                  | 930 21              | Combi 8 L <sup>4)</sup>                   | ●                                     |         | ●             | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            |            |                |          |
| 930 11             | 930 23              | Combi 9 <sup>(4)</sup>                    | ●                                     | ●       | ●             | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |
| –                  | 930 56              | Combi 10 <sup>(4)</sup>                   | ●                                     | ●       | ●             | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |
| 930 79             | 930 58              | Combi 10 <sup>(4)</sup> L <sup>4)</sup>   | ●                                     | ●       | ●             | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |
| –                  | 930 60              | Combi 11                                  | ●                                     | ●       | ●             | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |
| 930 77             | 930 67              | Combi 10 <sup>(4)</sup> SGL <sup>4)</sup> | ●                                     | ●       |               | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |
| –                  | 930 68              | URYXXON® Stick 10 <sup>2/4)</sup>         | ●                                     | ●       |               | ●       | ●     | ●          | ●       | ●                | ●        | ●         | ●            | ●          |                |          |

**Test strips for veterinary applications**

|   |         |   |   |   |  |   |   |   |   |   |   |   |   |   |   |
|---|---------|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
| – | 930 870 | Combi 10 <sup>(4)</sup> VET <sup>3/4)</sup> | ● | ● |  | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
|---|---------|---|---|---|--|---|---|---|---|---|---|---|---|---|---|

**Test strips for detection of urine adulteration**

|        |   |  |  |  |  |  |  |  |   |   |   |  |   |   |   |
|--------|---|--|--|--|--|--|--|--|---|---|---|--|---|---|---|
| 930 19 | – | Medi-Test Adulteration Stick <sup>3)</sup> |  |  |  |  |  |  | ● | ● | ● |  | ● | ● | ● |
|--------|---|--|--|--|--|--|--|--|---|---|---|--|---|---|---|

All products are CE-marked according to the directive 98/79/EC

<sup>1)</sup> suitable for patient self-testing    <sup>2)</sup> for evaluation with URYXXON® reflectometers    <sup>3)</sup> not an IVD product<sup>4)</sup> optimal protection of the blood and/or glucose test against ascorbic acid**Instruments for evaluation of urine test strips URYXXON® Stick 10**

|         |   |
|---------|---|
| 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 for check of 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  |
| 930 891 | PC-software pack for URYXXON® Relax   |
| 930 71  | Printer paper for URYXXON® 500, Pack of 5 rolls   |
| 930 74  | Barcode scanner for URYXXON® 500 and URYXXON® Relax   |

**Test strips for semi-quantitative determination of glucose in blood (capillary blood)**

|        |  |
|--------|--|
| 928 07 | Test strips Glycaemie C (bicolored) for visual determination, pack of 50 test strips <sup>1)</sup> |
| 928 12 | Test strips Glycaemie V for visual determination, pack of 50 test strips <sup>1)</sup>             |

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