

## TECHNICAL DATA

### Description of device:

- Semi-quantitative reflectance photometer
- Measuring using LEDs and a colour detector
- Wavelengths: 470, 540, 650 nm
- Reading Time: 55 s
- Speed: Upto 240 tests per hour\*
- Touch screen (LCD display): 320x240 colour TFT
- Built-in thermal printer, 2sec / parameter
- External communication to PC / LIS via RS 232 or USB port
- Possibility to connect an external keyboard or a bar code reader
- Memory capacity: last 240 measurements
- Languages for end-users: EN, DE, ES, FR, IT, RU, PT, CZ

### Strips intended for urine analysis with Uro-dipcheck® 240e:

- Uro-dip® 10e

### Working conditions:

- External power source 7.5V DC switch adapter 100-240 V / 50-60 Hz
- Internal power source - battery 6x1.5V AA
- Power consumption: 20W max / 1W standby
- Temperature: optimum range 15-35 °C, relative humidity 20-80 %
- Weight: 0.8 kg without adapter, battery and paper roll
- Dimensions: 230 x 127 x 110mm

## ORDERING INFORMATION

- |                             |                           |
|-----------------------------|---------------------------|
| • Uro-dipcheck® 240e reader | Cat. number: FINUAPLI0001 |
| • Uro-dip® 10e              | Cat. number: FREUSPLI0001 |

\* Using Smart Timing®

**ERBA Diagnostics Mannheim GmbH, Mallastrasse 69-73, 682 19 Mannheim, Germany**

Telephone: +49 621 8799770, Fax: +49 621 8799688

[www.erbamannheim.com](http://www.erbamannheim.com)

Uro-dipcheck 240e 001 en 021209



**Uro-dipcheck® 240e**  
The Smart choice for Urine testing



Uro-dipcheck® 240e is an effective and powerful solution for the analysis of urine. It is designed for laboratories, ambulances of general practitioners, family doctors and specialists. Evaluation of the urine sample with Uro-dipcheck® 240e reader helps to eliminate any subjective interpretation of the colour reaction of the diagnostic pads and therefore remarkably contributes to the correct diagnostic of the patient.

### Uro-dipcheck® 240e-advantages

Smart Timing for efficient testing  
Possibility to test upto 240 strips/hour.

#### ★ Special function **Smart Timing®**

The goal of Smart Timing® function is to support smart incubation option. There are 4 independent colour timers (progress bar) displayed on the screen of the reader. The user may use any of the four displayed timers which correspond with position one of the incubated strips as follow. The user can dip a new strip if the respective timer on the screen is green, after dipping the user places the strip in the corresponding position and starts the timer (by pressing the respective green bar on the screen). The timing starts, the progress bar turns to yellow, after 45 sec the progress bar turns to red and beeps. Then the user has to place the strip onto the reader strip holder and the reader measures the strip at 60sec

The SW enables (turns to green) a new timer in every 15 sec; so 4 strips could be measured in 1 minute (240/hour)

- Dual power options:
  - Portable mode batteries supply (6x1.5 V AA)
  - Stationary mode (electric power)
- Touch screen
- Possibility of connection to the PC or to the laboratory information system (LIS)



- Possibility of connection of the bar code reader (BCR) or of the external keyboard
- The wide choice software menu with a number of settings possibilities according to the user needs
- Flexibility of entering patient information e.g. by ID no. / Name etc.
- Option to choose from a variety of reporting units, e.g. SI, arbitrary and conventional units or thier combination
- Possibility of adding a short text comment to each measured result
- The reader has the user friendly operation menu
- The results may be printed on a built-in thermal printer with speed 2 s/parameter
- The reader is equipped with standard RS232 and USB connectors

#### Control and calibration

Smart Calibration - Everytime Urodipcheck® 240e is switched on - It calibrates itself automatically.

The optical part may be calibrated additionally by request, the calibration process is controlled by special software mode using the grey control strips.

Parameters, which can be determined with the diagnostics strips Uro-dip® 10e on the Uro-dipcheck® 240e, include protein, glucose, ketones, bilirubin, urobilinogen, nitrites, leukocytes, blood, pH, specific gravity.

Combination of parameters on the diagnostic strips Uro-dip® 10e intended for Uro-dipcheck® 240e:

	Leucocytes	Nitrite	pH	Protein	Glucose	Urobilinogen	Bilirubin	Ketones	Blood	Specific gravity	Compensation field
Uro-dip® 10e	•	•	•	•	•	•	•	•	•	•	•