

TECHNICAL SPECIFICATIONS

Description of the device:

- Semi-automated semi-quantitative reflectance photometer
- Measuring using a CCD camera/LED
- Wavelengths: 535, 610 nm
- Reading Time: 60 s
- Throughput: 400 strips per hour
- 5" TFT display (320x240 pixels) with touch screen
- User-defined setting options for patient sample demographics
- Built-in thermal printer, print speed 12 results per minute
- External communication via RS 232 interface
- Optional connection to a PC, an external keyboard or a barcode scanner
- Memory capacity: last 1000 measurements
- 7 languages (EN, DE, ES, FR, IT, CZ, RU)

Working conditions:

- External power source
- Parameters of the external power source 90-230V / 50-60Hz
- Supply in working regime 45W,
- In standby regime 6W
- Temperature: optimum range 20-25 °C,
- Relative humidity 20-90%
- Weight: 5 kg incl. the adapter
- Dimensions 430 x 290 x 170 mm

ORDERING INFORMATION

- Uro-dipcheck[®] 400e reader Cat. number: FINUAPLI0002
- Uro-dip[®] 10e Cat. number: FREUSPLI0001

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Uro-dipcheck 240e 001en 021209



Uro-dipcheck[®] 400e
Fast and Accurate Urine Analysis



The special compensation pad on the Urodip® 10e strip together with the superior optics and software of the Uro-dipcheck® 400e ensure that the colour of the urine does not create an interference in the actual results of the individual parameters.

The results of measurement are possible to print directly on the built-in thermal printer.

The superior ergonomic design allows replacement of thermal paper with ease.

Uro-dipcheck® 400e automatically recognises if the waste container is full and displays warning on the screen.



Uro-dipcheck® 400e software menu offers extensive options, which enables the user to adapt the Uro-dipcheck® 400e to any laboratory environment. Uro-dipcheck® 400e automatically calibrates after each switch on. Uro-dipcheck® 400e software ensures with the Autostart up feature that all optical parts and calibrations are okay to guarantee the user correct reports sample after sample.

Software of Uro-dipcheck® 400e has a special cleaning mode, which is intended for everyday cleaning and disinfection. In case during Cleaning mode - if reader is opened, measurement parts are switched off and only transport parts are running. Thus, it is very easy to clean all the parts which are in contact with urine and keep instrument hygienically clean.

The Uro-dipcheck® 400e system offers quick, precise and objective measurement of urine parameters required by clinical laboratories.

The Uro-dipcheck® 400e is easy to operate with the touch screen and user friendly software.

Diagnostic strips, which are useful for measurement, are provided by the Uro-dip® 10e strip customized for use on the Uro-dipcheck® 400e unit



The Uro-dipcheck® 400e offers the use the choice of 3 different ways to identify the patient samples.

1. sequence number, which is automatically connected to each sample
2. identification number, which could contain letters and numbers
3. list of patients, which are ready for measurement at one moment

Using of the optional bar code rader is possible as well.

Uro-dipcheck® 400e can be connected with external keyboard also for inserting of patients' data. Patient entry thru optional bar code attachment is also possible.

Uro-dipcheck® 400e has a standard RS 232 interface, which enables to connect the system with laboratory information system (LIS) or directly with PC.

Uro-dipcheck® 400e describes the patient sample. It enables to add description of each sample, which includes from four choices of colour and clarity. The description of colour and clarity can be set by user.



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

All parameters, which are possible to measured are listed in the chart. The Uro-dip® 10e strips are provided with a special compensation pad to ensure highly accurate readings sample after sample. Uro-dipcheck® 400e takes into account the individual colour of each sample.