

# URINALYSIS SYSTEM LINE

## Instruments and Test Strips

- > Urine test strips with 1–13 parameters
- > Microalbumin and creatinine on 13-parameter strip
- > Strips for visual and for automated reading
- > Meets high European quality standards

### URINALYSIS



# AUTOMATED URINALYSIS

For Small to High-Throughput Laboratories



## Combilyzer VA

Automated analyzer for small- to high-volume laboratories

- > High throughput: > 500 samples/h
- > CCD image processing
- > Automatic strip transport
- > Integrated keyboard
- > Flags for abnormal results
- > Software available in English, Spanish and German
- > On-line protocol
- > Built-in thermal printer
- > Printout units selectable
- > On-board storage of 1,000 results
- > Closed system for COMBINA 11 S
- > Dimensions (W x D x H): 30.5 x 48 x 19 cm
- > Weight: 10 kg
- > 230/110 VAC

## Combilyzer VA

Cat. No.  
16600

## COMBINA 11 S

150 tests

23111

- > Strip for testing ascorbic acid, bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen
- > For visual and automated reading with Combilyzer<sup>plus</sup> and Combilyzer VA



## Combilyzer<sup>plus</sup>

Modular semi-automated urine analyzer

- > Modular concept
- > Throughput: 50 samples/h (standard mode)  
120 samples/h (fast mode)
- > Suitable for battery operation
- > Memory for 200 results
- > Infrared interface
- > CCD image processing
- > Touch screen
- > Software available in English, French and German
- > Closed system for COMBINA 11 S
- > Dimensions (W x D x H): 30.5 x 22 x 12.5 cm
- > Weight: 0.8 kg
- > 230/110 VAC

## Combilyzer<sup>plus</sup>

Complete unit

Cat. No.

17600P

## Combilyzer<sup>plus</sup>

Measuring unit

17600P/2

## Combilyzer<sup>plus</sup>

Printer, 230/110VAC

17600P/1





## Combilyzer<sup>13</sup>

Analyzer for small to medium-volume laboratories

- > User friendly on-board software
- > Photoelectric colorimetry test principle
- > Throughput: 60 samples/h (standard mode)  
120 samples/h (fast mode)
- > Calculates albumin-to-creatinine ratio
- > Flags for abnormal results
- > On-board storage of 1,000 results
- > Conventional, arbitrary and SI units
- > Barcode reader for COMBINA 13 and samples
- > Built-in thermal printer
- > Serial port for unidirectional connection with LIS. Port for external printer
- > On-board service & system diagnose tools
- > Closed system for COMBINA 13
- > Dimensions (W x D x H): 40 x 33 x 18.5 cm
- > Weight: 4 kg
- > 100–240 V | 50–60 Hz

Cat. No.  
17600

Combilyzer<sup>13</sup>

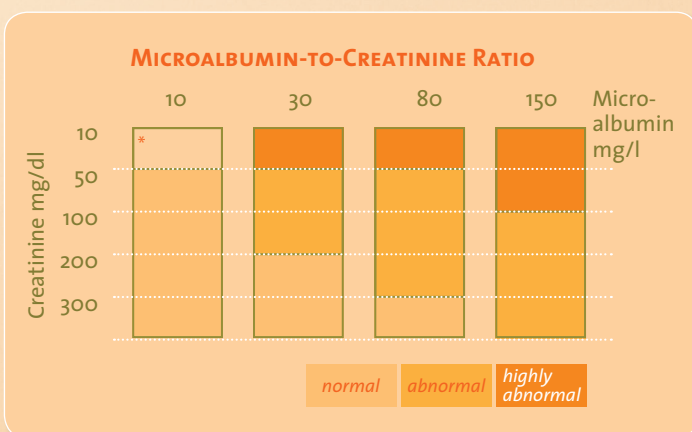
## COMBINA 13

Comprehensive urinary profile including microalbumin and creatinine

### Microalbumin

Urinary excretion of microalbumin indicates kidney damage – often found in patients with diabetes and hypertension – and is a recognized risk factor for progression of kidney and cardiovascular diseases.

Parallel measurement of creatinine and albumin to diagnose microalbuminuria makes collection of 24-hour urine samples obsolete, as the albumin-to-creatinine ratio allows to correct variations in diuresis.



\*Retest with new urine specimen

## COMBINA 13

Premium test strip with 13 parameters – 13 parameters in 1 minute

- > Strip for testing ascorbic acid, bilirubin, blood, creatinine, glucose, ketones, leukocytes, microalbumin, nitrite, pH, protein, specific gravity, urobilinogen
- > Especially suited for first time urine testing – no need for timed collection
- > Microalbumin-to-creatinine ratio automatically calculated by Combilyzer<sup>13</sup>
- > For visual and automated reading with Combilyzer<sup>13</sup>
- > Semiquantitative visual reading for all parameters at 60 seconds

Cat. No.

COMBINA 13

100 tests

22132

# URINE TEST STRIPS

## for Visual Reading

- > Meets high European standards – high quality ensures accurate results
- > Small package size – reduces risk of early deterioration

**COMBINA GLUCOSE** 50 tests Cat. No. 22092  
Test strip for glucose

**COMBINA 2** 50 tests Cat. No. 22022  
Test strip for glucose and ketones

**COMBINA 3** 50 tests Cat. No. 22032  
Test strip for glucose, pH and protein

**COMBINA 9 SG** 50 tests Cat. No. 22002  
Test strip for bilirubin, blood, glucose, ketones, nitrite, pH, protein, specific gravity, urobilinogen

**COMBINA 10 M** 50 tests Cat. No. 22102  
Test strip for bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen



**Human**

Diagnostics Worldwide