

SPECIFICATIONS & MORE

Combilyzer¹³

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System Overview

REF	17600
Analyzer type	Reflectance photometer
Reagent system	Closed system
# of Parameters	13
Throughput	Fast mode: 120 specimens/hour Slow mode: 60 specimens/hour
Barcode reader	Included
Languages available	English, Spanish, Italian, Polish, Portuguese, Turkish, German, French, Russian
Display	LCD Screen
User interface	18-button keypad

Human

Diagnostics Worldwide

Combilyzer¹³

Semi-automated urine test strip analyzer

Tests	Description	Multiparameter reagent strips, COMBINA 13, Ref. 22132
	Parameters	Ascorbic acid, bilirubin, blood (hemoglobin, erythrocytes), creatinine, glucose, ketones, leukocytes, microalbumin, nitrite, pH, protein, specific gravity, urobilinogen
	Shelf life (strips)	24 months
	Stability (after first opening)	One month (recapped)
	Strip composition	Urobilinogen: Diazonium salt 0.2% Bilirubin: Diazonium salt 0.6% Ketones: Sodium nitroprusside 5.7% Creatinine: 3,5 Dinitrobenzoic acid 4.8% Blood: Diisopropylbenzene-dihydroperoxide 26.0%, tetramethylbenzidine 1.5% Protein: Tetrabromophenol blue 0.1% Microalbumin: Sulfonephthalein 2.2% Nitrite: p-Arsanilic acid 1.3%, tetrahydroquinoline 0.9% Leukocytes: Pyrrole amino acid ester 4.3%; diazonium salt 0.4% Glucose: Glucose oxidase 1.7%; peroxidase 0.2%; potassium iodide 0.1% Specific gravity: Poly 90.2% , bromothymol blue 4.8% pH: Bromocresol green 3.3%; bromothymol blue 55.0% Ascorbic acid: 2,6-Dichlorophenolindophenol 0.8%

Sample	Sample type	Urine
	Sample positions	1
	Loading	Manual

Reading	Optical system	High luminosity cold light source reflection determination
	Light source	Four LEDs with different wavelengths
	Wavelengths pre-installed)	525, 572, 610, 660 nm
	Detector	Colour CCD sensor

Data processing	Memory for	Patient results, quality control records
	Memory capacity	5,000 patient results
	Quality control module	QC calibration strip
	Printer	Built-in thermal printer
	LIS	RS-232 serial interface, parallel printing interface



General

Physical dimensions (W x D x H)	Instrument without any components:	40 x 33 x 18.5 cm
	Space required for routine use:	40 x 37 x 28.5 cm
	Packaging:	52 x 52 x 32.5 cm
	Weight:	Gross: 7.3 kg, net: 4.0 kg
Electrical requirements	AC 100...240V, 50/60Hz	
	Mains fuse: 250V 1A	
Environmental	Operating temperature: 15...35°C	
	Storage temperature -40...50°C	
	Relative humidity ≤75% , non-condensing	

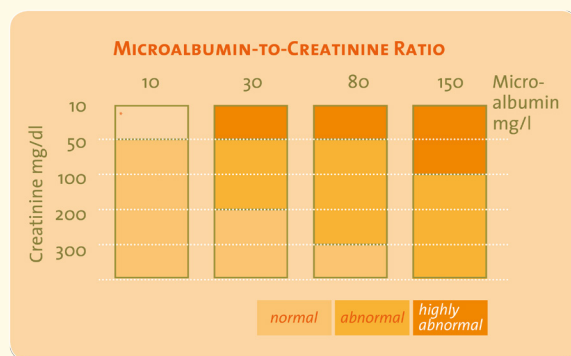
Accessories

Standard Accessories (supplied with each instrument)

	Quantity	REF
User Manual	1	17600/1
Barcode Scanner	1	17600/3
Check Strip Box (incl. 2 calibration strips)	1	17600/6
Power Cable	1	17600/7
Brush	1	17600/8
Communication Cable	1	17600/9
Strip Holder	1	17600/15
Printing Paper (roll)	1	18144/5

Consumables

	REF
COMBINA 13 Test Strips (100 Tests)	22132
Printing Paper (5 rolls)	18144/5



COMBINA 13 including microalbumin & creatinine



COMBINA 13 Test Strips (100 Tests)

REF 22132

