



MISPA-U500

Dry Chemistry Urine Analyzer

Major Features

- 240-520 samples/h
- High memory capacity
- Touch screen operation
- Automatic notification when waste container is full
- The instrument has an intelligent self-test function
- 12 and 14 test parameters

MISPA-U500

Dry Chemistry Urine Analyzer

Mispa-U500 related products catalogs

Product name	Model	Specifications	Purpose
Urine reagent strips	14A, 12B	100 strips/bottle	For dry chemistry test.
Dry Chemistry Urine Analysis Control	NO.I(Negative),NO.II(Positive), NO.III(VC)	4 mL/bottle 15 bottles/box	For quality control.

Technical Specification

- Semi-quantitative reflectance photometer
- Measuring using LEDs colour detector
- Wavelengths: 470
- Evaluation time: 60 s
- Capacity: 240-520 strips per hour
- Touch screen colour LCD display
- Built-in thermal printer
- External communication to PC/LIS/KU600 via RS232
- Connect an external analyzer or a bar code reader via RS232(2)
- Memory capacity: 20000 results
- Consumables: strip and dry chemistry quality control

Working conditions

- Power source: AC 100 -240 V/50-60 Hz
- Power consumption: < 75W
- Temperature: 0-35 °C
- Relative humidity < 80%
- Weight: 6 kg
- Dimensions: 398 x 345 x 220mm

Combination of parameters on the 11/12/14 test strips

Parameter	Blank CAL	Neg	Positive (Pink in any uniform depth)	Color chart			
Nitrite (60S)	Blank	Neg	Positive				
Urobilinogen (60S)	3.2 Normal	17	+33	+++66	+++130	μ mol / L	
Bilirubin (60S)	Neg	+17	++50	+++100		μ mol / L	
Vitamin C (60S)	0	±0,6	+1,4	++2,8	+++5,6	mmol / L	
Protein (60S)	Neg	±0,15	+0,3	++1,0	+++≥3,0	g / L	
Occult blood (60S)	Neg	±10	+28	++80	+++≥200	* Non-hemolytic **	cell / μL
pH (60S)	5.0	6.0	7.0	8.0	9.0		
White blood cells (60S)	Neg	±15	+70	++125	+++500		cell / μL
Glucose (60S)	Neg	±5,5	++14	+++28	+++55		mmol / L
Ketone Body (60S)	Neg	±0,5	+1,5	++3,9	+++≥7,8		mmol / L
microalbumin (60S)	Neg	±0,15					g / L
Specific Gravity (60S)	1,005	1,010	1,015	1,020	1,025	1,030	
Urina Creatinine (60S)	0,9	4,4	8,8	17,7	26,5		mmol / L
Calciuria (60S)	≤1,0	2,5	5,0	7,5	10		mmol / L

Description of the device

Mispa-U500 is quick and simple solution for the Analysis of Urine, which is designed for use in clinical laboratories. Objective evaluation of the urine samples by Mispa-U500 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 patients.

User only dips the test strip into the urine sample and places it in the insert area. Movement, timing, measurement and evaluation are done automatically by the Urine Analyzer.

The reader of Mispa-U500 offers easy control by the touch screen(7.0 inch color LCD)which enables quick and user-riently control of the instrument. The instrument has intelligent self-test function and provides fault or error information and operation tips. Mispa-U500 automatically recognizes if the waste container is full and display warning on the screen.

Mispa-U500 has two standard interface RS232. One of which is used to connect to a computer or other instruments for data output, and the other is used to connect to a bar code reader to record sample bar code information. The results of measurement are possible to print directly on the built-in thermal printer.

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ISO 9001:2015
EN ISO 13485:2016



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