



KU-500

Dry Chemistry Urine Analyzer

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Information

Model: KU-500

Name: Dry Chemistry Urine Analyzer

Technical Specification:

1. Sample type: Urine
2. Speed: 220 tests/h Dry chemistry
130 tests/h Dry chemistry + physical examination
3. Screen size: 8-inch color LCD touch screen
4. Sample loading: 5 × 10
5. Evaluation time: 60 s
6. Reagent strip capacity: 200 strips
7. Transmission: LIS
8. Scanning function: Built-in barcode scanner
9. Printer: Build-in thermal printer
10. Size (Length*Width*Height): 554 × 576 × 567 mm
11. Weight: 40 kg

Advantage

1. Fully automatic system that performs each step sequentially: sample transport, aspiration, dripping on the test strip, reaction detection, analysis and result reporting, cleaning, test strip disposal and waste collection.
2. Four operation modes: standard mode, emergency mode, quality control mode and calibration strip mode.
3. Parameters of test strips: 12 or 14 items.
4. Physical indices: color, turbidity, conductivity and specific gravity.
5. For urine dry chemistry Quality Control, KEYU has participated in the Randox EQA program and will take part in the Randox IQC target value assignment. Additionally, KEYU actively joins the CAP PT (EQA) program.

NIT (60 S)	Neg	±15	+70	++125	+++500	
URO (60 S)	3-2 No mal	17	+33	++66	+++130	μmol/L
BIL (60 S)	Neg	+17	++50	+++100		μmol/L
VC (60 S)	0	±0.6	+1.4	++2.8	+++5.6	mmol/L
PRO (60 S)	Neg	±0.15	+0.3	++1.0	+++≥3.0	g/L
BLD (60 S)	Neg	±10	+28	++80	+++≥200	cell/μL
pH (60 S)	5.0	6.0	7.0	8.0	9.0	

LEU (60 S)	Neg	±15	+70	+++125	+++500	cell/μL	
GLU (60 S)	Neg	+5.5	+++14	+++28	+++55	mmol/L	
KET (60 S)	Neg	±0.5	+1.5	+++3.9	+++≥7.8	mmol/L	
MA (60 S)	Neg	+0.15				g/L	
SG (60 S)	1.005	1.010	1.015	1.020	1.025	1.030	
Cr (60 S)	0.9	4.4	8.8	17.7	26.5		mmol/L
Ca (60 S)	≤1.0	2.5	5.0	7.5	10		mmol/L