



RIG 800

Fully automated urinalysis
hybrid



LABORATORY



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Technical parameters

RIG-800 Fully Automated Urinalysis using a unique design which combines the dry chemical analysis and urine tangible component analysis perfectly. One drop of urine sample is enough to complete the urine chemical, pharmacology and physical composition analysis, automatic analysis, automatic report. It's testing condition is fixed standard and it uses high-tech digital imaging and intelligent automatic recognition technology. It provides the best overall solution to laboratory urine analysis. It's perfect carrier for customer to implement the automatic urine analysis integration solution.

Product features

1. Color touch screen display, menu operation interface, convenient operation.
2. New cold light source testing technology, strong anti-interference, high sensitivity, good stability.
3. The instrument includes 8 inch color touch LCD screen. It could identify sample position and information automatically which could improve efficiency. It could accommodate more than 200 urine strips and could add any time.
4. Automatic sampling device. The samples do not need centrifugation or pretreatment. Just put into the rack and the instrument would test.
5. Emergency insertion function. The instrument would give priority to deal with the emergency sample without stopping the routine detection.
6. The instrument could add certain sample intelligently according to the urine strip reaction block which ensure the adequacy of the reaction and uniformity.
7. Accurate quantitative sample technology which avoids cross contamination between projects.
8. The instrument could do quantitative analysis to SG. It could test the sample color and turbidity.
9. The instrument could accommodate 60 samples.
10. A complete alarm system.
11. The function of automatic calibration and charges, quality control.

Specification

Urine particles: urine red blood cells, white blood cells, squamous cell, the squamous epithelial cells, transparent tube, unclassified tubular, crystallization, mucus, bacteria, yeast and white blood cells, sperm, etc
 Leukocyte(LEU) Nitrite(NIT) Urobilinogen(UBG) Protein(PRO) pH(pH) Blood(BLD) Specific gravity(SG)
 Ketone (KET) Billirubin(BIL) Glucose(GLU) Ascorbic acid(VC) Calcium(CA) Creatinine(CRE)
 Microalbumin(MALB) Turbidity(Turbidity) Color(Color)

Monochromatic wavelength: 520nm, 570nm, 610nm, 650nm

Urine particles: Analysis of plane flow cytometry techniques

Test Strip: Refletance method

Specific Gravity: Refraction method(Matching hydrometer)

Turbidity: Scattering method

Color: RGB Trichromatic method

Measurement speed: 240strips/hour

Test tube rack capacity: 6 test tube rack(Accommodate 60 samples)

Sample capacity: >3ml

Inhalation sample capacity: <2ml

Applicable strip: Special urinalysis test strip of 10A, 11A, 12A, 13A, 14A

Data storage: 1 million records

External output: RS-232 serial interface, Parallel printer interface

Display screen: 8-inch color touch LCD screen and computer screen

Language: English

Power source: 100~220V

Power: 120VA

Fuse specification: 250V 2A



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