

FUS-2000

Urinalysis Hybrid



Specification

| | |
|---------------------|---|
| Sample types | Urine |
| Sample loading | 50/270 samples(optional) |
| Throughput | 120 T/H |
| Sample volume | Minimum volume: 3ml; aspiration volume: approx. 2.0ml |
| Urinalysis System | Windows XP operating system, Bidirectional to LIS/HIS |
| Memory capacity | 100,000 or more records |
| External output | RS-232 USB NetPort |
| Operation condition | 15-35°C |
| Humidity | ≤75% |
| Weight | 82kg(with reclaiming tray 114kg) |
| Dimension | 779mm×688mm×584mm (L×W×H) |
| Power supply | ~100-240V 50HZ/60HZ |
| Printer | External printer |

Urine chemistry

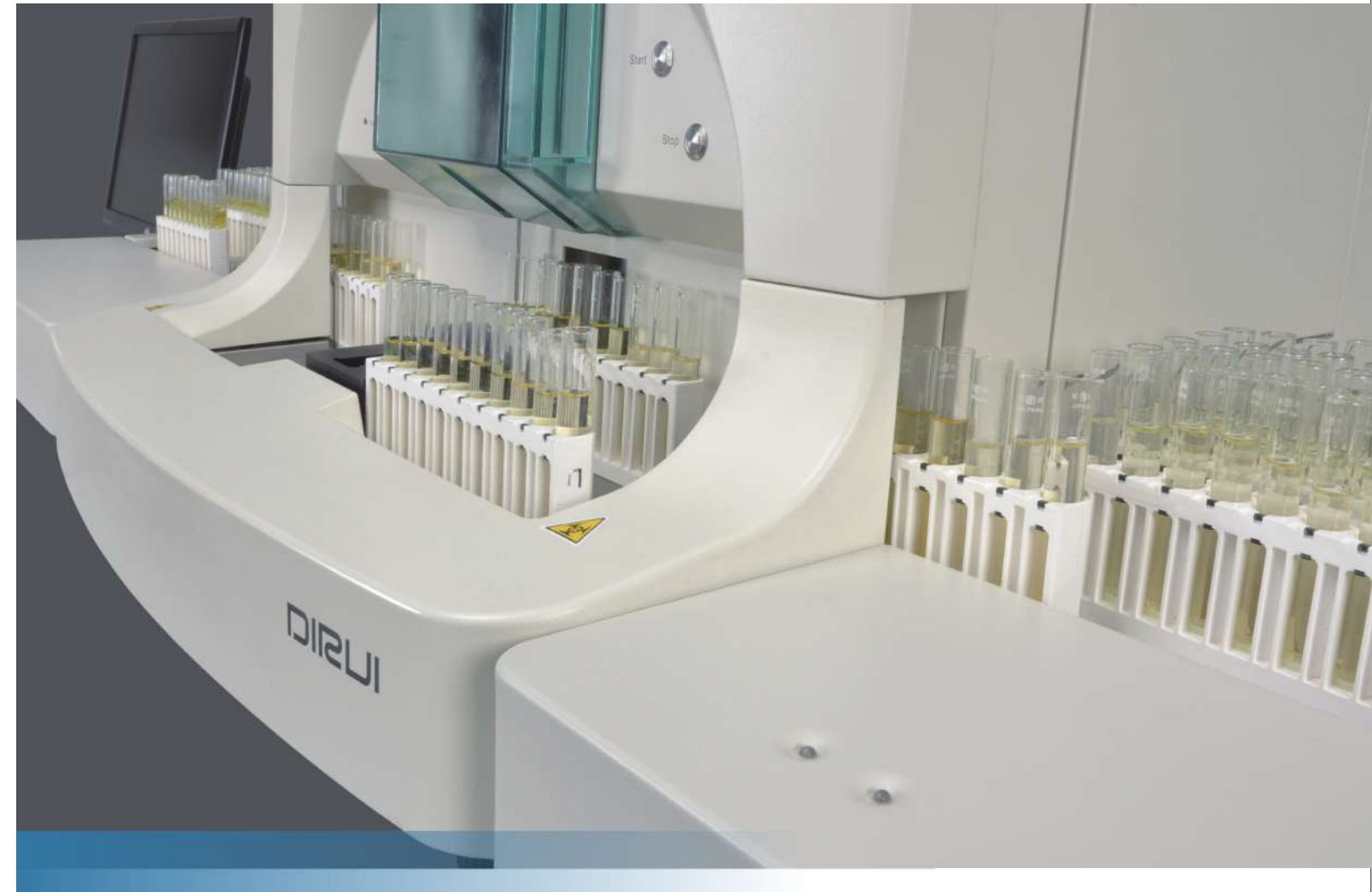
| | |
|---------------------|---|
| Throughput | 240 T/H |
| Sample volume | Minimum volume: 2ml; aspiration volume: 1.2ml |
| Analysis parameters | Urobilinogen, Bilirubin, Ketones, Blood, Protein, Nitrite, Leucocyte, Glucose, PH, Creatinine, Calcium, Vitamin C, Microalbumin, Specific Gravity, Color, Turbidity |
| Principles | Photoelectric colorimetry |
| Wavelength | 525nm 572nm 610nm 660nm |
| Max loading strips | 200 strips |

Urine formed elements

| | |
|---------------------|---|
| Throughput | 120 T/H |
| Sample volume | Minimum volume: 3ml; aspiration volume: 2.0ml |
| Analysis parameters | Red blood cell, White blood cell, Squamous epithelial cell, Non-squamous epithelial cell, Hyaline casts, unclassified casts, Mucus, Bacteria, Yeast, White blood cell clumps, Sperm |
| Research parameters | RBC information |
| Methods | Flow cytometry Digital imaging technology |
| | All software |



Certified to
ISO 9001:2008 and ISO 13485:2003



FUS-2000

Urinalysis Hybrid



DIRUI INDUSTRIAL CO., LTD.

3333 Yiju Street, New&High Tech. Development Zone
Changchun, Jilin 130103, P.R.China
Tel: +86(431)81935329 85100409
Fax: +86(431)85172581 85083741
E-mail: dirui@dirui.com.cn Http://www.dirui.com.cn
• Specifications subject to change without notice.

20160922

DIRUI

DIRUI

FUS-2000

Urinalysis Hybrid

The FUS-2000 is a fully automatic integrated urinalysis system which not only provides results from urine chemistry and urine formed elements but also provides genuine physical images of each formed element.



- High throughput: 120T/H
- Simple and compact 2 in 1 design
- Standardized urinalysis testing solution
- Walk-away operation with continuous loading 50/270 samples (optional)
- User-friendly design, simple operation and convenient maintenance

Test Principle



Comparing the results of dry chemistry with digital imaging, FUS-2000 could provide accurate and reliable results, effectively lowering the possibility of both false positive and false negative results.

- High precision aspiration and dripping system guarantees accurate sample distribution on the urine strips.
- Patient ID is automatically recognized by the barcode reading system.
- STAT port provides emergency sample priority.
- Blank pad for the correction of influence from urine color variation.



The FUS-2000 utilizes flow cytometry, digital imaging technology and AII technology to not only provide the user with objective results but also with genuine physical images.

