

FUS-3000Plus

Urinalysis Hybrid (Chemistry and Sediment)

Technical Specification	
Sample Type	Urine
Test Items	Formed Elements Items : NRBC, MIRBC, ARBC, SRBC, OSRBC, WBC, WBCC, SQEP, RTEP, TREP, HYAL, GRAN, WAXY, BROAD, OCAS, BACI, SUCO, HYST, BYST, CAOX, URIC, MAPH, OCRY, SPRM, MUCS
	Chemistry Items : UBG, BIL, KET, PRO, BLD ,LEU, NIT, GLU, pH, SG, VC(Optional), MALB(Optional), CRE(Optional), CA(Optional), A/C (Calculation), P/C (Calculation)
	Physics Items(Optional): Conductivity, Specific Gravity, Color, Turbidity, Osmolality (Calculation)
Principles	Formed Elements: Flow Imaging Technique
	Chemistry: Photoelectric Colorimetry
Sample loading	50/270 Samples (Optional)
Throughput	Hybrid Mode/ Formed Element Mode: 120 Tests/ Hour
	Chemistry Mode: 240 Tests / Hour
Min Sample Volume	Hybrid mode / Formed Elements Mode: 3.0 mL, Chemistry mode: 1.5 mL
Aspiration Volume	Hybrid mode / Formed Elements Mode: 2.2 mL, Chemistry mode: 0.4 mL
Interface	Port: RS-232 Port; LIS: Serial Port & Net Port
LIS/ HIS	Bidirectional communication with LIS/HIS
Bar Code Identification	Internal Bar Code Scanner
	External Bar Code Scanner(Optional)
Memory Capacity	≥ 100,000
Dimension	779mm×688mm×584mm(L×W×H)/897mm×1566mm×584mm(L×W×H) with pre-storage & reclaiming tray
Weight	82kg/115kg with pre-storage & reclaiming tray
Operation Temp.	10-30 ℃
Humidity	≤70%
Power	100～240V 50/60Hz

DIRUI

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·Specifications subject to change without notice.
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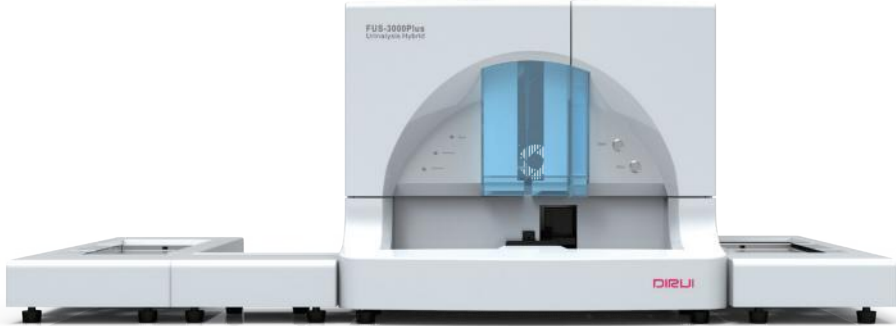


Official WeChat
official account



FUS-3000Plus

Urinalysis Hybrid



DIRUI

User-friendly software



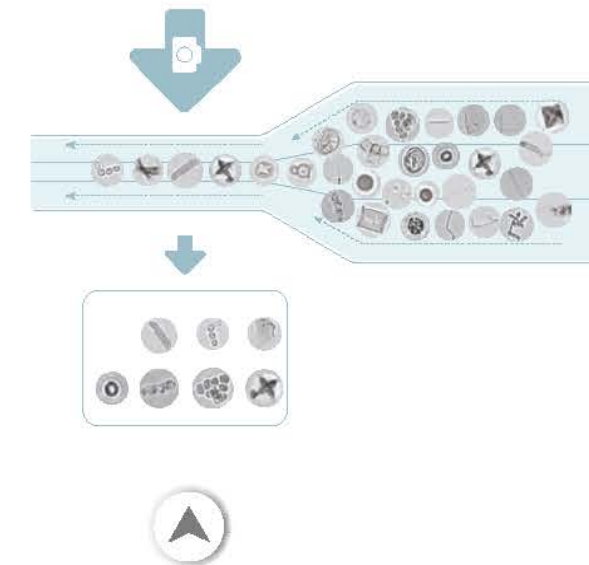
Inherit DIRUI Classical Principle



Real images Trustworthy



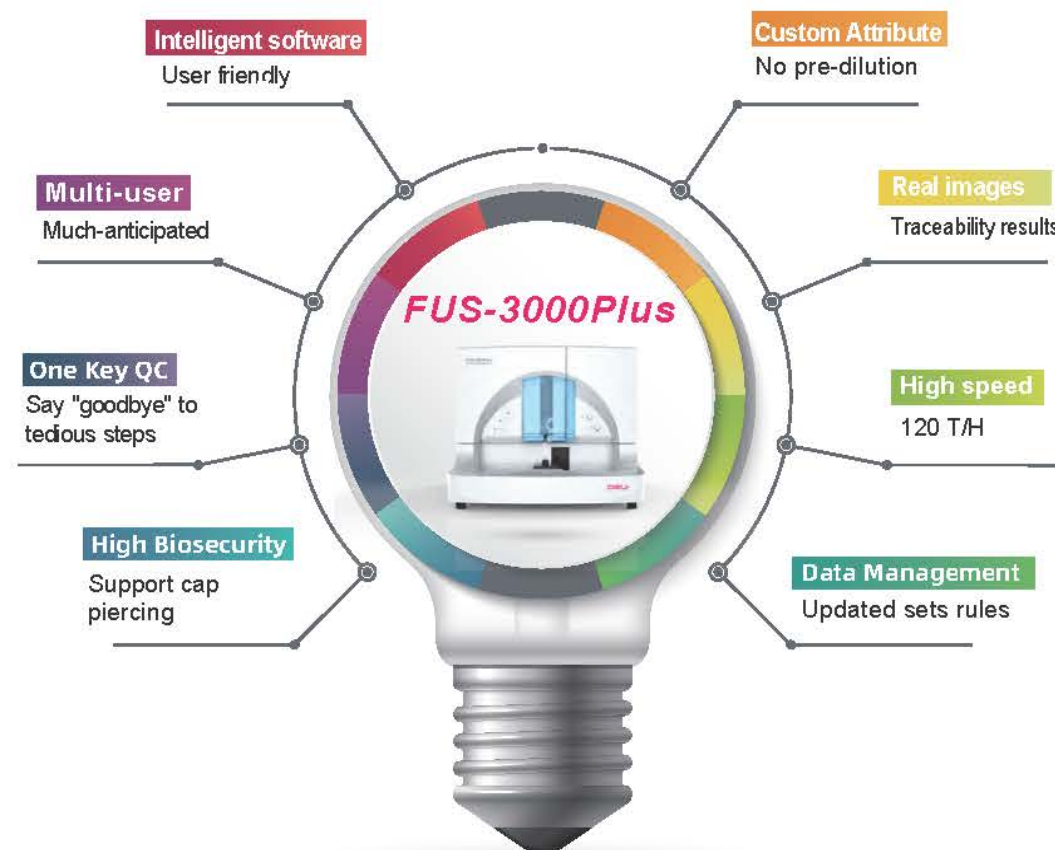
No gather
No overlap



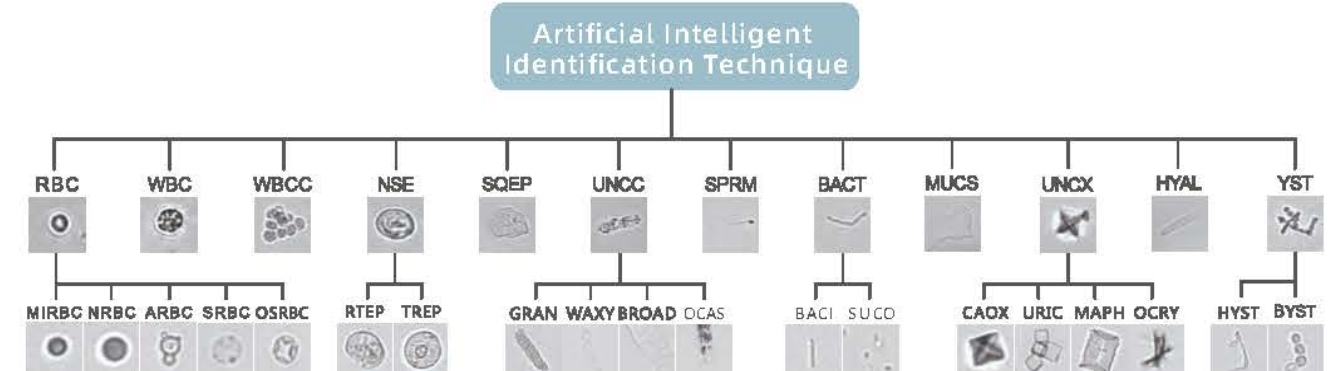
Considerate Improvement



DIRUI always focus on what the laboratorians really need



Sheath flow technology
+
High Speed Photography Technology
+
Artificial Intelligence Identification Technique (AI)

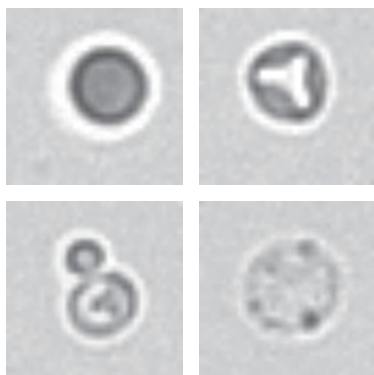


Comprehensive Parameters

Formed Element Parameter

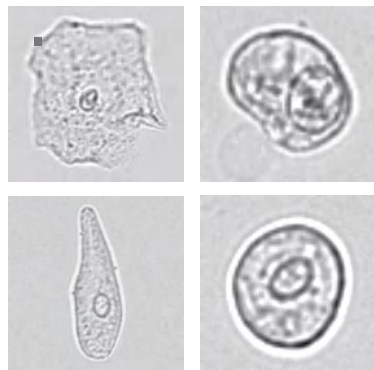
- FUS-3000Plus breaks through the technique difficulties of automatic analysis in urine formed element and provides 25 formed element parameters .
- Particles sub-classification offers highly valuable reference for clinical diagnosis

Abnormal RBC



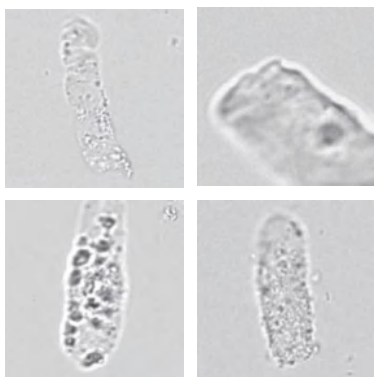
Abnormal RBC alarm automatically when uniformity, non-uniformity or miscibility RBC are identified Abnormal RBC ratio prompts the hematuria resource

Epithelial Cell



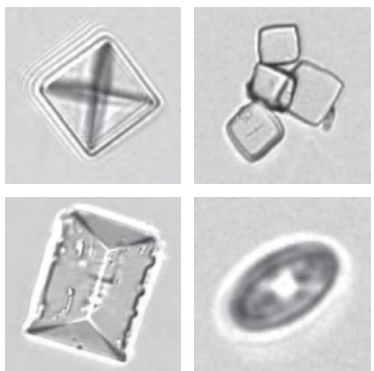
Abnormal Epithelial Cell result indicates the lesion position of urinary system diseases, such as urinary tract inflammation, nephric tubule acute necrosis and urocystitis, etc

Pathological CAST



Pathological CAST indicates kidney parenchymal damage such as glomerulonephritis, glomerulosclerosis and nephrotic syndrome, etc

Crystal



Crystal sub-classification may indicate kidney stone and even metabolic disorders

Bacterial



Bacterial is identified and calculated automatically Urinary Tract Infection(UTI) is alerted based on bacterial, WBC, RBC and chemistry result

Chemical and Physical Parameter

- 16 chemical parameters + 4 physical parameters
- Conductivity reflects the concentration of kidney and has differential diagnosis of DM(diabetes mellitus) and DI(diabetes insipidus)

Complete Solutions for Every Lab

Stable system



Complete quality assurance system
Complete calibrator, quality control, strip & reagent
Specific and complete calibration system
Build up stable qualified test system

Meet all your needs



FUS-3000Plus

Urinalysis Hybrid

Product Features:

- ◎ Throughput:
Chemistry test 240 T/H;
Hybrid/ formed element test 120 T/H;
- ◎ Parameters:
25 Formed element parameters;
14 Chemical parameters;
4 Physical parameters (Optional);
- ◎ Sample Capacity: 50/270 (Optional);
- ◎ Consumables: Strips, QC, Calibrators, Reagents
- ◎ 1 STAT position



H-500

Urine Analyzer

Product features:

- ◎ 7-inch color touch screen enhances user convenience during operation
- ◎ The built-in thermal printer can automatically print results
- ◎ The built-in waste bin minimizes aerosol hazards
- ◎ Throughput: 600 T/H. Up to 14 optional test parameters
- ◎ Memory for 10,000 sample data and 3,000 quality control data, facilitating convenient review



HC-300

Urine Analyzer

Product features:

- ◎ Throughput: 60/120 T/H
- ◎ Parameters: 14 Chemical parameters
- ◎ Consumables: Strips, QC
- ◎ Built-in thermal printer can print results automatically
- ◎ Barcode reader is optional