

FUS-1000 NEW

Urinalysis Hybrid



Technical Specification	
Sample Type	Urine
Test Items	Formed Elements Items : RBC, WBC, WBCC, SQEP, NSE, HYAL, UNCC, UNCX, BACT, BYST, SPRM, MUCS
	Chemistry Items : UBG, BIL, KET, PRO, BLD, LEU, NIT, GLU, pH, SG, VC(Optional), MALB(Optional),
	CRE(Optional), CA(Optional).
Principles	Physics Items: Specific Gravity(Optional), Color(Optional), Turbidity (Optional)
	Formed Elements: Flow Imaging Technique
Sample loading	Chemistry: Photoelectric Colorimetry
	50 samples
Throughput	60 Tests/ Hour
Min Sample Volume	Hybrid mode / Formed Elements Mode: 3.0 mL, Chemistry mode: 2.2 mL
Aspiration Volume	Hybrid mode / Formed Elements Mode: 2.0 mL, Chemistry mode: 1.2 mL
Interface	Communication: 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	520mm×702mm×566mm(L×W×H)
Weight	60 kg
Operation Temp.	10-30℃
Humidity	≤75%
Power	100~240V 50/60Hz



TINY SPACE, GREAT CAPACITY

FUS-1000 NEW

Urinalysis Hybrid



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DIRUI



Certified to
ISO 9001:2008 and ISO 13485:2003

·Specifications subject to change without notice.
20180627






DIRUI

COMPACT DESIGN

The Smallest Urinalysis Hybrid in World

- Only around 2 racks' length
- Around 60kg weight



**Hospital Urine Routine Test Report												
Name:	12	Pat Type:	Type:	1	Sam. No.:							
Gender:		Send Dept:	Case No.:	12	ID:	235						
Age:		Send Dr.:	Bed No.:		Clinical Diagnostic:							
Abbr	Item Name	Result	Reference	Unit	Abbr	Item Name	Result	Unit	Clinical Diagnostic			
Chemistry												
RBC	Red blood cell	8/ul	0-17	ul	UBI	Urobilinogen	Normal	3.4	umol/L			
WBC	White blood cell	320/ul	0-28	ul	BL	Bilirubin	Neg					
WBCC	White blood cell count	100/ul			KET	Ketone	Neg					
SQEP	Squamous epithelial cell	5/ul	0-28	ul	BLD	Blood	3+		≥200	Cell/ul		
NSE	Non-squamous epithelial cell	0/ul			PRO	Protein	Neg					
HYAL	Hyaline cast	0/ul	0-1	ul	PRO	Nitrite	Neg					
UNCC	Unclassified cast	0/ul			LEU	Leukocytes	Neg					
BACT	Bacteria	1/ul	0-7	ul	GLU	Glucose	Neg					
BYST	Budding yeast	0/ul	0-1	ul	pH	pH	6.0					
UNCX	Unclassified crystal	0/ul	0-28	ul	SG	Specific	1.008					
SPRM	Sperm	0/ul	0-4	ul	VC	Ascorbic Acid	0					
MUCS	Mucus strands	0/ul	0-28	ul	MAA	Microalbumin	10	mg/L				
					Cr	Cr	0.9	mmol/L				
					Ca	Urinary Calcium	≤1.0	mmol/L				
					A/C	A/C	≤3.4	mg/normal				
					TURB	Turbidity	Clear					
					COLOR	Color	Colorless					
Note:												
<div>    </div> <div>RBC WBC WBCC SQEP BACT</div>												
Collecting Time: 2018/3/18 7:10:20				Report Time: 2018/3/18 8:16:24								
Test Time: 2018/3/18 7:10:25				Tester: admin								
Audit Time: 2018/3/18 7:12:16				Validator: admin								
Note: The report is only responsible for the sample. If any question, please contact the related personnel within 24 hours. Tel.:												

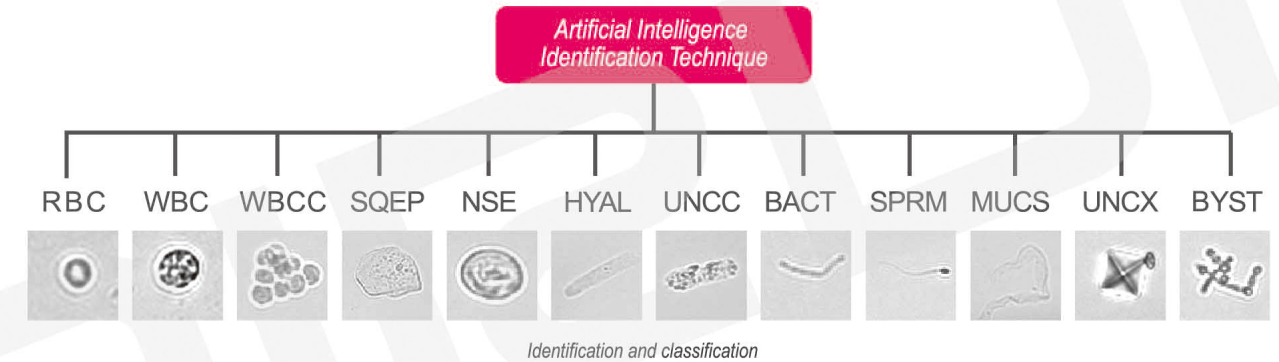
Three in One Design

- Integrate 3 physical parameters, 14 chemical parameters and 12 formed element parameters
- Illustrated report provide valuable reference for clinic diagnosis

RELIABLE RESULT

Advanced Principle

- The FUS-1000 utilizes flow imaging analysis technology for accurate and reliable results
- Morphological analysis based on real images concord with Golden Standard



AUTOMATIC TESTING

60 Tests / Hour

- Automatic loading and aspirating samples



Integrated Quality Assurance System

- Instrument--Reagent--Calibrator& Control offer complete quality assurance system

FUS-1000

Urinalysis Hybrid

FUS-1000, the smallest urinalysis hybrid in the world, supply the integrated solution of urinalysis with Three-in-One design to benefit the users



Compact Design
Automatic Testing

Reliable Result
Easy Operation

EASY OPERATION

• One Key Operation

Execute all works with only one key



• Sieve Test Function

Intelligently activate formed element test



• Friendly Interface

Reviewable images
Bidirectional LIS

