



2023 DUS[®]

product brochure

Urine Reagent Strips
Urine Chemistry analyzer

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DUS® URINE CHEMISTRY ANALYZER

DUS® Urine Chemistry Analyzers are reflectance photometer.

The strip is illuminated by white light and the reflected light from the strip is detected by the Sensor.

The RGB signals are digitized and this digitized image is interpreted by the processor.

The intelligent imaging analysis software reads the strip and the pads, and based on these color data the parameter values are determined. The results including the date and time of the measurement, sequence number and ID are stored.

DUS® Urine Chemistry Analyzers are easy to use and provide reliable results every time.

ORDERING INFORMATION FOR DUS® URINE CHEMISTRY ANALYZER

Product Name	Cat. No	SPECIFICATION
DUS® R-50S	5660	45 Tests(Max 120 Tests)/Hour, No Built-in Printer, Available up to 11 parameters
PRINTER	5660-PR	External printer for EXCLUSIVE use with R-50S
DUS® R-300	5260	300 Tests/Hour, Built-In Printer, Available up to 13 parameters
DUS® R-600S	5360	600 Tests/Hour, LCD Touch Screen, Built-In Printer, PC software, LIS connection etc.

R-600S

SEMI-AUTOMATED MULTIPLE ANALYZER



Technical Specification

Throughput : 600 tests / hour

Memory : 5,000 tests

Optional accessories : Barcode Scanner (USB type)

Display : Colorful 7" touch LCD

Interface : USB, RS-232C

SELF-SYSTEM CHECK

Auto-Calibration

Automated F/W update by USB

Connectivity to LIS (Laboratory Information System)



R-50S

SEMI-AUTOMATED SINGLE-TEST



Technical Specification

Throughput : 45 tests/hour (Max 120 tests/hour)
Power : 12V DC/3.33A or Battery 1.5V x 8EA
Memory : 2,000 tests
Net weight : 460 g
Available up to 11 parameters
Optional item : External printer / Bluetooth

Product Features

Light and Portable analyzer
User friendly designed with compact size
Colorful 4.3 inch touch LCD Display
Possibility with 8-battery 1.5 V
Rapid test result in 1 minute
Auto-Calibration function
Accessible to laboratory information system(LIS)
by PC protocol

R-300

SEMI-AUTOMATED SINGLE-TEST



Technical Specification

Throughput : 300 tests/hour (Max 800 tests/hour)
Memory : 20,000 tests
Net weight : 1.3 kg
Available up to 13 parameters
Optional item : Keyboard / Barcode Reader

Product Features

Perfect size for using in laboratory or clinic
Efficient working cycle with multi-strip tray
Simple update available by USB port
Optional operation mode
(General / One by one / Quick mode)
Easy to clean and use without special training
Accessible to laboratory information system(LIS)
by PC protocol

DUS® URINE REAGENT STRIPS

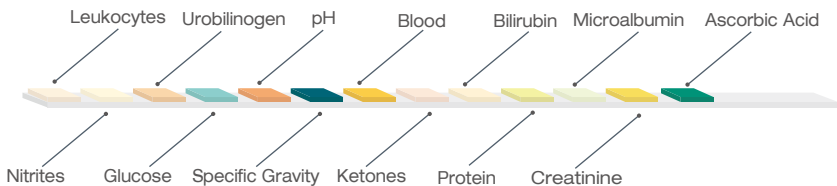


DUS® Urine Reagent Strips are dip-and-read test strips for the rapid determination of Leukocytes, Nitrites, Urobilinogen, Glucose, pH, Specific Gravity, Blood, Ketones, Bilirubin, Protein, Micro-albumin, Creatinine and Ascorbic Acid (Vitamin C) in Urine.

User friendly designed DUS® Urine Reagent Strips are easy to use for preliminary diagnosis and initial screening of health conditions by doctors, laboratories and also end-users.

Test result may provide information regarding the status of carbohydrate metabolism, kidney and liver function, acid-base balance, and urinary tract infection. DUS® Urine Reagent Strips are easy to get test results visually /manually by the stable color development. It is designed to be resistant to vitamin C interference for excellent and reliable test results.

Specialized DUS® Micro-albumin/Creatinine test is used to diagnose Micro-albuminuria (an early marker of Diabetic Nephropathy) by Micro-albumin /Creatinine ratio and a simple test for effective management of kidney disease in patient with diabetes and potentially high risk for kidney problem in early stage.



ORDERING INFORMATION

FOR DUS® URINE REAGENT STRIPS

Product Name	Cat. No	Tests	Uro	Glu	Bil	Ket	S.G	Bld	pH	Pro	Nit	Leu	AsA	Ma	Cre
K	3194	100				•									
G	3114	100		•											
P	31F4	100								•					
pH	31A4	100							•						
2GP	3204	100		•						•					
2GK	3214	100		•		•									
3	3304	100		•					•	•					
10	3064	100	•	•	•	•	•	•	•	•	•	•			
11	3994	100	•	•	•	•	•	•	•	•	•	•	•		
2AC*	3263	50												•	•
12AC*	3B04	100	•	•	•	•	•	•	•	•	•	•		•	•
13AC*	3C04	100	•	•	•	•	•	•	•	•	•	•	•	•	•
2MAC* [Ⓢ]	3273	50												•	•
12MAC* [Ⓢ]	3B34	100	•	•	•	•	•	•	•	•	•	•		•	•
10M [Ⓢ]	3014	100	•	•	•	•	•	•	•	•	•	•			
11M [Ⓢ]	3984	100	•	•	•	•	•	•	•	•	•	•	•		

◆ Remark **CE** ₀₁₉₇

DUS® Urine Reagent Strips with

* Micro-albumin/Creatinine test parameters are included

[Ⓢ] Compensation pad is included

Abbreviation: Uro(Urobilinogen), Glu(Glucose), Bil(Bilirubin), Ket(Ketone), S.G(Specific Gravity),

Bld(Blood), pH(pH), Pro(Protein), Nit(Nitrite), Leu(Leukocytes), AsA(Ascorbic Acid), Ma(Microalbumin),

Cre(Creatinine)