



Atellica 1500 Automated Urinalysis System

Specification Sheet

A urinalysis system so advanced, it lets you do less and see more.

The Atellica™ 1500 Automated Urinalysis System* combines the trusted CLINITEK Novus® Automated Urine Chemistry Analyzer and the new Atellica™ UAS 800 Urine Sediment Analyzer in one completely automated unit. Do less and see more with a truly digital automated urinalysis system that sets the new standard for accuracy and efficiency. The Atellica 1500 Automated Urinalysis System. Just what you'd expect from the pioneers in modern urinalysis.

*Product under development. Not available for sale. Product availability will vary by country.



Atellica 1500 Automated Urinalysis System Specifications

Physical Information	
Depth (with rack handler)	680 mm
Height (with rack handler)	625 mm
Width (with rack handler)	1260 mm
Weight	114 kg
System Information	
Throughput	106–240 samples/hr
Storage	10,000 patient results including images
Decibel rating	< 60 dB
STAT function	Yes
Sediment Result units	cells/μL, cells/hpf, cells/lpf
Chemistry Result units	Conventional, Conventional with plus system, SI, and SI with plus system
Time to first result	< 4 minutes
Sample loading capacity	100 samples
Interface	TCP/IP or Serial - ASTM and HL7

Sediment Menu	
• RBC (red blood cell)	• NEC (nonsquamous epithelial cell)
• WBC (white blood cell)	• PAT (pathological cast)
– WBCc (white blood cell clump)	• HYA (hyaline cast)
• BAC (bacteria)	• CRY (crystal)
– BACr (rod bacteria)	• YEA (yeast)
– BACc (coccus bacteria)	• MUC (mucus)
• EPI (squamous epithelial cell)	• SPRM (sperm)

Chemistry Menu	
CLINITEK Novus Analyzer with CLINITEK Novus Cassettes	
CLINITEK Novus 10 Cassette	CLINITEK Novus PRO 12 Cassette†
• Bilirubin	• Bilirubin
• Clarity	• Clarity
• Color	• Color
• Glucose	• Glucose
• Ketone	• Ketone
• Leukocyte esterase	• Leukocyte esterase
• Nitrite	• Nitrite
• Occult blood	• Occult blood
• pH	• pH
• Protein	• Protein
• Specific gravity	• Specific gravity
• Urobilinogen	• Urobilinogen
	• Albumin
	• Albumin-to-creatinine ratio
	• Creatinine
	• Protein-to-creatinine ratio

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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Electrical Requirements	
Main unit	110–240 VAC 50–60 Hz 210 W max. Fuse rating: T8A 250 V
Personal computer with WINDOWS 7 operating system	100–240 VAC 50–60 Hz 400 W max.
Monitor	100–240 VAC 50–60 Hz 100 W max.
Environmental Specifications	
Operating temperature	18–30°C (64–86°F)
Operating humidity	20–80% RH, noncondensing
Altitude range of operation	0–2000 m above sea level
Storage temperature	-25 to +60°C (-13 to +140°F)
Storage humidity	20–80% RH, noncondensing
Storage atmospheric pressure	106–70kPA (approximately 0–3000 m)
Compliance	TUV, CE, EMC, IEC 61326

Supported Bar-code Specifications	
Supported bar-code types*	Codabar
	Code 39
	Code 93
	Code 128
	InterLeaved 2 of 5

Test Rack and Tube Specifications	
Test tube racks supported	Only test tube racks provided by Siemens Healthineers
Minimum sample volume in tube	2.6 mL
Height	95–106 mm (3.74–4.17 inches)
Rack opening diameter	16.5 mm (0.64 inches)

Cuvettes	
Supported types	Only Atellica UAS 800 cuvette cartridges supplied by Siemens Healthineers
Number of tests per cartridge	600 cuvettes
Shelf life	2 years

Test Cassettes	
Supported types	CLINITEK Novus 10 Cassette CLINITEK Novus PRO 12 Cassette†

*External handheld bar-code reader optional

†Not available for sale in the U.S. Product availability may vary by country.

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