## **Specification Sheet**

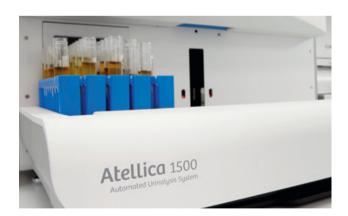
# Atellica 1500 Automated Urinalysis System

siemens-healthineers.com/urinalysis



# Integrating the Power of Digital Imaging for Reliable Urinalysis Testing

The Atellica® 1500 Automated Urinalysis System\* combines the trusted CLINITEK Novus® Automated Urine Chemistry Analyzer and the Atellica® UAS 800 Urine Sediment Analyzer in one fully automated unit. Bring more power into focus 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.



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<sup>\*</sup>Not available for sale in the U.S. Product availability varies by county.

# **Atellica 1500 Automated Urinalysis System Specifications**

#### **Physical Information**

Depth (with rack handler)	680 mm (26.8 inches)
Height (with rack handler)	625 mm (24.6 inches)
Width (with rack handler)	1260 mm (49.6 inches)
Weight	114 kg (251.3 pounds)

#### **System Information**

106–240 samples/hr
10,000 patient results including images
<60 dB
Yes
cells/µl, cells/hpf, cells/lpf
Conventional, Conventional with plus system, SI, and SI with plus system
<4 minutes
100 samples
TCP/IP or Serial - ASTM and HL7

#### Sediment Menu

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

#### **Chemistry Menu**

CLINITEK Novus Analyzer with CLINITEK Novus Cassettes

#### CLINITEK Novus 10 Cassette

<ul> <li>Bilirubin</li> </ul>	<ul> <li>Ketone</li> </ul>	• pH
<ul> <li>Clarity</li> </ul>	<ul> <li>Leukocyte esterase</li> </ul>	• Protein
<ul> <li>Color</li> </ul>	<ul> <li>Nitrite</li> </ul>	<ul> <li>Specific gravity</li> </ul>
<ul> <li>Glucose</li> </ul>	<ul> <li>Occult blood</li> </ul>	<ul> <li>Urobilinogen</li> </ul>

#### CLINITEK Novus PRO 12 Cassette\*

- Bilirubin • Clarity
- Nitrite Occult blood
- Color pH • Glucose
- Ketone
- Protein • Specific gravity
- · Leukocyte esterase

are the property of their respective owners.

- Albumin-to-creatinine ratio
  - Creatinine

Albumin

• Urobilinogen

• Protein-to-creatinine ratio

#### **Electrical Requirements**

Atellica UAS 800 Analyzer	100–240 VAC   50–60 Hz   210 W max. Fuse rating: T8A 250 V
CLINITEK Novus Analyzer	100–240 VAC   48–62 Hz   100 W max. Fuse rating: T1.5A 250 V
Personal computer with WINDOWS 7 operating system	100–240 VAC   50–60 Hz   240 W max.
Monitor	100–240 VAC   50–60 Hz   32 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 <sup>†</sup>	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
Test Cassettes	
Supported types	CLINITEK Novus 10 Cassette

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CLINITEK Novus PRO 12 Cassette\*

\*Not available for sale in the U.S. Product availability may vary by country. †External handheld bar-code reader optional.

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