



The Atellica DT 250 Analyzer

Drug testing made simple.

[siemens-healthineers.com](https://www.siemens-healthineers.com)

With the high-stakes demands of today's laboratories and drug-testing facilities, the Atellica DT 250 Analyzer sets your facility apart with a unique integration of high-quality assays, compact design, intelligent navigation, and secure operation.

Reliable, practical design

- Small benchtop system offers throughput and onboard sample and reagent capacity previously only available in larger, floor-standing models.
- Unique three-reagent system, and availability of 10 open channels enables greater flexibility to implement user-defined methods.
- Streamline workflow and reduce downtime with continuous loading of sample racks and reagents, including STAT option.

Intelligent navigation and secure operation

- Easy-to-use, intuitive system enables staff of any skill level to confidently and accurately perform testing.
- Smart navigation offers a higher degree of operational efficiency and safety with cybersecurity controls that ensure safe operation and security of patient data.
- Intuitive user flags alert operators of required actions to help streamline workflow.

Trusted EMIT technology

- Among the most widely used and extensively validated reagents for over 50 years, providing high-quality results you can trust.
- Confidently expand your drug testing menu with Syva EMIT assays for drugs of abuse, therapeutic and immunosuppressant drug monitoring, and specimen validity testing.
- Best-in-class service and support to optimize your system's performance, empower your team, and better manage costs.



Confidence and reliability in drug testing.

- **8** minutes to first result
- **225** tests per hour
- **95** onboard samples
- **48** reagent capacity
- up to **10** open channels
- maintains reagent stability **8/±2°C**



Specifications

Benchtop system with mounted computer (external barcode reader optional)	
Dimensions (without computer)	Width: 880 mm (34.6 in)
	Depth: 700 mm (27.5 in)
	Height: 660 mm (25.9 in)
Weight	~ 95 kg (209 lb.)
Water consumption	Up to 1.5 L/h
Sample dilution	Automatic pre- and post-dilution
Sample containers	Primary and secondary tubes, micro-cups for pediatric samples
Sample types	Serum, plasma, urine, aqueous solution
Sample volume	2–200 µL
Cuvettes	80 PMMA reusable cuvettes onboard (in segments of five)
	6 mm light path

Capacity	
Onboard sample	95 barcoded samples
Time to first result	As soon as 8 minutes, then every 30 seconds thereafter
Open channels	10
Throughput	One reagent: 340 tests per hour
	Two reagents: 225 tests per hour
	Three reagents: 120 tests per hour
Walkaway time	3 hours*
Removable and interchangeable reagent tray	Reagent capacity: 48 reagent positions or 23 dual-reagent methods (majority of EMIT)
	24 positions for 30-mL, 24 positions for 15-mL spaces
	Two spaces for onboard cleaner
Detection capabilities	Clot detection, crash and collision detection
Reaction temperature	37 °C ± 0.1° C
Photometric range	-0.1 to 3.6
Inventory management	Off-screen inventory management with real-time tracking of onboard reagent availability
Optical resolution	0.001 ABS
Interferential optical filters (340-750 nm)	12

*Dependent on test mix

A full-spectrum menu for drugs of abuse, therapeutic drug monitoring, and specimen validity testing.

Drugs of abuse

6-Acetylmorphine
Amphetamines
Barbiturates
Benzodiazepines
Benzodiazepines
(High-sensitivity)*†
Buprenorphine
Cannabinoids (THC)
Cocaine metabolite
Ecstasy
EDDP*
Ethyl Alcohol
Ethyl glucuronide (EtG)**
Fentanyl*
Hydrocodone*§
Ketamine*†
LSD
Meperidine*†
Methadone
Methamphetamine**
Methaqualone
Opiates
Oxycodone
Phencyclidine
Propoxyphene
Synthetic cannabinoids**
Tramadol*
Xylazine*§†

Serum toxicology

Acetaminophen
Barbiturates
Benzodiazepines
Salicylic Acid
Tricyclic Antidepressants

Specimen validity tests

Creatinine
Nitrites
Oxidants
pH
Specific Gravity

Therapeutic drug monitoring#

Amikacin
Caffeine
Carbamazepine
Cyclosporine
Digoxin
Disopyramide
Ethosuximide
Gabapentin††
Gentamicin
Lamotrigine††
Levetiracetam††
Lidocaine
Methotrexate
Mycophenolic Acid†
N-Acetylprocainamide (NAPA)
Phenobarbital
Phenytoin
Primidone
Procainamide
Quinidine
Sirolimus
Tacrolimus
Theophylline
Tobramycin
Topiramate††
Valproic Acid
Vancomycin
Voriconazole††
Zonisamide††

*Application manufactured by third party, distributed by Siemens Healthineers.

†Not available for sale in the U.S.

§Not available for sale outside the U.S.

‡Restricted in the U.S. to law enforcement-related use (forensic use only).

#Therapeutic drug monitoring assays coming soon.

**Detected by the Emit II Plus Amphetamines Assay.

††Third-party, user-defined method that is neither validated nor approved by Siemens Healthineers.



Compact Design

More power in **less space**, with a small benchtop system that offers higher throughput for better and faster decision-making and more timely care.



Confidence and Reliability

Higher degree of **operational efficiency** and safety with a system that complies with security and privacy regulations.



Smart Navigation

Intelligent analyzer to streamline workflow at a more competitive price point, enabling staff of any skill level to perform testing **confidently and accurately**.



Trusted EMIT Technology

Among the most widely used and **extensively validated** reagents in the industry. Quality results lead to accurate and effective treatment decisions.



At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably. As a leader in medical technology, we want to advance a world in which breakthroughs in healthcare create new possibilities with a minimal impact on our planet. By consistently bringing innovations to the market, we enable healthcare professionals to innovate personalized care, achieve operational excellence, and transform the system of care.

Our portfolio, spanning in vitro and in vivo diagnostics to image-guided therapy and cancer care, is crucial for clinical decision-making and treatment pathways. With the unique combination of our strengths in patient twinning,* precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the greatest challenges in healthcare. We will continue to build on these strengths to help overcome the world's most threatening diseases, enable efficient operations, and expand access to care.

We are a team of more than 72,000 Healthineers in over 70 countries passionately pushing the boundaries of what is possible in healthcare to help improve the lives of people around the world.

**Personalization of diagnosis, therapy selection and monitoring, aftercare, and managing health.*

Product availability will vary from country to country and is subject to local regulatory requirements.

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