

The Atellica DT 250 Analyzer

Drug testing made simple.

siemens-healthineers.com/ADT250

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.

SIEMENS
Healthineers

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 (EMIT)
Methotrexate II*
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.
‡Restricted in the U.S. to law enforcement-related use (forensic use only).
§Not available for sale outside the U.S.
***Detected by the Emit II Plus Amphetamines Assay.*
††Third-party, user-defined method that is neither validated nor approved by Siemens Healthineers.
‡‡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 leading medical technology company, we want to advance a world in which breakthroughs in healthcare create new possibilities sustainably. We partner with healthcare providers to address their most pressing challenges so that they can deliver high-quality, patient-centered care, efficiently.

We are active in the areas of imaging, diagnostics, cancer care, and minimally invasive therapies, augmented by digital technologies and artificial intelligence. With our unique combination of strengths in Patient Twinning,* Precision Therapy, as well as Healthcare AI, we take on the greatest challenges in healthcare. We help improve access to healthcare for underserved communities worldwide and overcome the most threatening diseases.

We are a team of around 74,000 Healthineers in over 70 countries passionately pushing the boundaries of what is possible in healthcare so that patients can live with hope, not fear of disease.

**Early detection, accurate diagnosis, individualized therapy selection, simulation and planning, continuous monitoring and aftercare.*

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