# The Atellica DT 250 Analyzer

Drug testing made simple.

**siemens-healthineers.us**

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 integrationof 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
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
Gentamicin
Lidocaine
Methotrexate
Phenobarbital
Phenytoin
Primidone
Sirolimus
Tacrolimus
Theophylline
Valproic Acid
Vancomycin

**Application manufactured by third party, distributed by Siemens Healthineers.*
*§Not available for sale outside the U.S.*
*‡Restricted in the U.S. to law enforcement-related use (forensic use only).*
***Detected by the Emit II Plus Amphetamines Assay.*

## 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[1], 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 73,000 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.

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

Further information is available at www.siemens-healthineers.com.

The outcomes and statements provided by customers of Siemens Healthineers are unique to each customer's setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, and level of service/technology adoption), there can be no guarantee that others will achieve the same results.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products included in this brochure are available through the Siemens Healthineers sales organization worldwide. Availability and packaging may vary by country and is subject to change without prior notice. Some/All of the features and products described herein may not be available in the United States.

The information in this document contains general technical descriptions of specifications and options as well as standard and optional features, which do not always have to be present in individual cases.

Siemens Healthineers reserves the right to modify the design, packaging, specifications, and options described herein without prior notice. For the most current information, please contact your local sales representative from Siemens Healthineers.

Note: Any technical data contained in this document may vary within defined tolerances. Original images always lose a certain amount of detail when reproduced.

**Siemens Healthineers Headquarters**

Siemens Healthineers AG
Siemensstr. 3
91301 Forchheim, Germany
siemens-healthineers.com

**USA**

Siemens Healthcare Diagnostics Inc.
Specialty Lab Solutions
511 Benedict Avenue
Tarrytown, NY 10591-5005, USA
siemens-healthineers.us

*Published by Siemens Healthcare Diagnostics Inc. · DX-SLS-26-NAM-SK76 · QR700042684 · 07.2026 ·* *©Siemens Healthcare Diagnostics Inc., 2026*