Stay ahead in urinalysis

Proven performance
and enhanced productivity
with a broad range of testing options

A.MENARINI diagnostics

Get more from your urine chemistry analyzer

Automation, productivity, and reliability all in one

UNAMAX is the new A.Menarini Diagnostics **urine chemistry analyzer** that offers a fully automated approach, maximum productivity and improved analytical performance.

UNAMAX can evaluate up to 14 chemical parameters, including ascorbic acid, creatinine, microalbumin, and calcium, as well as up to 5 physical parameters using the physical and conductivity modules, to deliver high-quality, accurate results.

UNAMAX has a throughput of 360 samples/hour and has an easy-to-use 10.4-inch color touchscreen that displays the real strip image for review. The system is equipped with automatic RFID rack recognition for better sample traceability. The constant temperature control ensures the best reaction environment and avoids temperature interference.

UNAMAX can be combined with **sediMAX conTRUST PRO**, the A.Menarini Diagnostics bright-field and phase-contrast urine sediment analyzer, to create a fully automated solution for urine analysis. This advanced combination creates a real urinalysis workstation, improving throughput and increasing analytical accuracy within a routine setting.

UNAMAX

Automated urine chemistry analyzer

ADVANCED AUTOMATION AND IMPROVED ACCURACY
- Fully automated
- Contact image sensors (CIS) scanning technology with 5 wavelengths for greater accuracy and efficiency
- Low sample volume needed (at least 2 ml) with liquid level detection sensor
- Pediatric measurement mode with lower sample volume (minimum 0.6 ml)
- Precise sample dropping technology
- Automatic enhanced washing for high concentration samples
- Constant temperature control to avoid interference
- Automated quality control analysis and maintenance procedures

ENHANCED PRODUCTIVITY AND TRACEABILITY
- High throughput: 360 samples/hour
- Strip loading capacity: 500 strips
- RFID rack reader

MEASUREMENT FEATURES AND CLINICAL UTILITY
- Up to 14 chemical parameters, including ascorbic acid, creatinine, microalbumin, and calcium
- Blood flag to alert on the potential presence of not haemolyzed cells (Research Use Only)
- Albumin-to-creatinine ratio (ACR) to identify early-stage kidney disease and PCR
- 3 different types of strips available (LabUSticks 11F, 12F and 14 F)
- Physical module ensuring accurate specific gravity, turbidity, and color results
- Conductivity module measuring conductivity and osmolality
- Real-time strip reaction color for reviewing

EASE OF USE AND LIS INTEGRATION
- User-friendly software and easy-to-use 10.4-inch color touchscreen
- Integration with laboratory or hospital information systems

UNAMAX can analyze 3 different types of strips

11F

LabUSticks **11F**

100 Test Strips for Urine

Ascorbic acid, leukocytes, ketones, nitrite, urobilinogen, bilirubin, proteins, glucose, specific gravity, blood, pH.

Exclusive reagent strips for **UNAMAX** and **UNAMAX Lite** analyzers.
UNAMAX   UNAMAX LITE

Reseal the container immediately after each use!

For professional use

A.MENARINI diagnostics

12F

LabUSticks **12F**

100 Test Strips for Urine

Nitrite, leukocytes, ketones, creatinine, urobilinogen, bilirubin, proteins, glucose, specific gravity, blood, pH, microalbumin.

Exclusive reagent strips for **UNAMAX** and **UNAMAX Lite** analyzers.
UNAMAX   UNAMAX LITE

Reseal the container immediately after each use!

For professional use

A.MENARINI diagnostics

14F

LabUSticks **14F**

100 Test Strips for Urine

Ascorbic acid, nitrite, microalbumin, leukocytes, creatinine, ketones, urobilinogen, bilirubin, glucose, proteins, specific gravity, pH, blood, calcium.

Exclusive reagent strips for **UNAMAX** and **UNAMAX Lite** analyzers.
UNAMAX   UNAMAX LITE

Reseal the container immediately after each use!

For professional use

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UNAMAX

Automated urine chemistry analyzer

Technical specifications

Technology	Reflectance photometry with 5 wavelengths (470, 550, 570, 620, 720 nm); Specific gravity: refractometer method; Turbidity: scattering method; Color: light-transmission measurement; Conductivity: conductivity cell (optional)
Evaluated parameters	Ascorbic acid, nitrite, microalbumin, leucocytes, creatinine, ketones, urobilinogen, bilirubin, glucose, proteins, pH, blood, calcium, albumin-to-creatinine, protein-to-creatinine, specific gravity, color, turbidity, conductivity, osmolality
Strip loeading capacity	500 strips
Throughput	360 samples/hour
Loading capacity	60 samples
Minimum sample volume	2 ml; pediatric mode: 0.6 ml
Result storage	2 million sample data and 100.000 sample pictures
Display	10.4-inch touchscreen colour LCD
Printer	Internal thermal printer
Barcode reader	Built-in barcode reader
Size	660 mm x 680 mm x 570 mm (length x width x height)
Weight	76 kg
Input	100 V-240 V~50/60 Hz
Communication interfaces	USB, RS232 serial port, PS2, Ethernet Interface
Operating conditions	15-30°C; Humidity ≤80%
Test strips	LabUSticks 11F, LabUSticks 12F, LabUsticks 14F

List of products and codes

52079	UNAMAX
52160	LABUSTICKS 11F (LEU, KET, NIT, URO, BIL, GLU, PRO, SG, PH, BLD, ASC)
52164	LABUSTICKS 12 F (LEU, KET, NIT, URO, BIL, GLU, PRO, SG, PH, BLD, MALB, CRE)
52163	LABUSTICKS 14F (LEU, KET, NIT, URO, BIL, GLU, PRO, SG, PH, BLD, ASC, MALB, CRE, CA)
52162	UNAMAX D21 DETERGENT
52161	UNAMAX D22 MAINTENANCE AGENT
52171	UNAMAX U11 CONTROL
52172	UNAMAX U14 CONTROL
52168	UNAMAX SG CONTROL
52165	UNAMAX COLOR CONTROL
52166	UNAMAX TURBIDITY CONTROL
52169	UNAMAX SG CALIBRATOR
52163	UNAMAX TURBIDITY CALIBRATOR
52510	QC33
52511	CONDUCTIVITY MODULE

UNAMAX is available in the following A.Menarini Diagnostics countries:

Austria: https://www.menarinidiagnostics.at
Benelux: https://www.menarinidiagnostics.be
France: https://www.menarinidiagnostics.fr
Greece: https://www.menarinidiagnostics.gr
Italy: https://www.menarinidiagnostics.it
Nordics: https://www.menarinidiagnostics.se
Portugal: https://www.menarinidiag.pt
Spain: https://www.menarinidiag.es
UK: https://www.menarinidiag.co.uk

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www.menarinidiagnostics.com