

# solite

## FULLY INTEGRATED SYSTEM FOR MID-SIZED LABS

Combined clinical chemistry, ISE & immunoassay testing



Simplify your laboratory workflow with an integrated system for routine chemistry, ISE and immunoassay testing from a single sample.



Fast routine testing on a small footprint.



Developed and manufactured in Austria.



Flexible sample processing for optimised TAT.



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# DESIGNED WITH MID-SIZED LABS

## Simplifying laboratory workflow

Testing on a single system means no sample aliquoting or waiting on sample transfer from other systems.

# INTEGRATION

Our fully integrated 3-in-1 system offers a compact and efficient solution for performing routine clinical chemistry, ISE and immunoassay testing on-site. It minimises manual sample handling steps to simplify laboratory workflows.

Using a single on-board reagent storage area and uniquely-designed fluidic pathways, our integrated system reduces water consumption and waste production while requiring only 1.1 m<sup>2</sup> of space.

Processing up to 60 samples simultaneously means results are available faster to enable comprehensive assessment of patients - regardless of the measurement technology involved.



Focused on becoming a global leader for innovative diagnostic solutions.



Design & development of high-quality, innovative diagnostic solutions for core laboratories & point-of-care.



Strategic global sourcing combined with efficient ISO-compliant production ensure quality made in Austria.



International commercial and technical support for our partners & customers to ensure mutual success.

# QUALITY

Developed and manufactured in Austria under EN ISO 13485 compliance. Our fully integrated system is supplied with high-quality RFID-secured reagents to ensure increased security and traceability as well as reliable analytical accuracy and precision.

Reagent kit position and production data are automatically transferred to the system, avoiding potential errors and delays during consumable replacement.

Innovative LED technology for photometric measurements not only eliminates user maintenance related to this module, but also increases the amount of data acquired per second and the robustness of analytical results.



# INTELLIGENCE

Designed to efficiently process routine and STAT samples while intelligently monitoring sample integrity and controlling reagent storage conditions. We ensure a seamless transition between clinical chemistry, ISE and immunoassay measurements.

Determination and flagging of interference indices as well as clot and air-bubble detection ensure the sample integrity of all reported results.

Random access to samples and reagents without on-board movement of tubes or reagent kits, means the system can adapt to testing demands throughout the day.



simplify your lab with **solite**

# INTRODUCING solite

integration • quality • intelligence

Our fully integrated 3-in-1 system offers a seamless transition between testing modalities.

Designed to take advantage of common elements within the system and maximise synergy to deliver quality and intelligence to mid-sized laboratories.

ISE

immunoassay

clinical chemistry

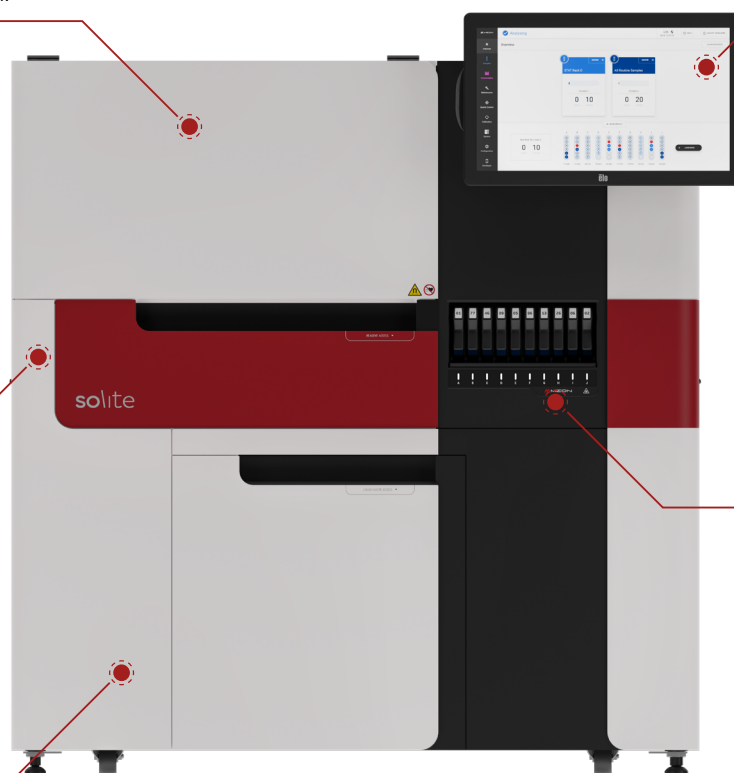
**52** reusable reaction cuvettes with a quarterly replacement interval.

**1** user interface with *need to know* notifications to simplify training & reduce operation time.

**60** temperature-controlled reagent kit positions with increased security & traceability via RFID technology.

**60** sample positions with flexible handling to optimise testing of routine & STAT samples.

**No** biohazardous solid waste or storage of operating solutions outside the system.







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# DESIGNED FOR MID-SIZED LABS

## Simplifying laboratory workflow

Testing on a single system means only one software, one analyser to maintain and one contact person for your routine testing needs.

# OUR TECHNOLOGY

photometry & turbidimetry • direct ISE • chemiluminescent immunoassay

Optimised sample and reagent volumes not only aim to deliver excellent analytical **accuracy** and **precision** over a wide measurement range but reduce the total cost of ownership and waste.

## CHEMISTRY



Routine chemistry tests are processed using optimised ready-to-use reagent kits and LED photometric technology. Unique storage conditions prevent movement of reagent kits, extending the on-board & calibration stability.

## ISE



Electrolyte testing is fully integrated with innovative thick-film technology for direct ISE measurements in undiluted serum, plasma and urine. Simple snap-in consumables with excellent in-use stability significantly reduce hands-on interaction.

## IMMUNOASSAY



Magnetic particle-based chemiluminescent technology is combined with dedicated washing and separation procedures. This ensures low-end sensitivity, prevents clinically significant carry-over and guarantees the integrity of reusable cuvettes.

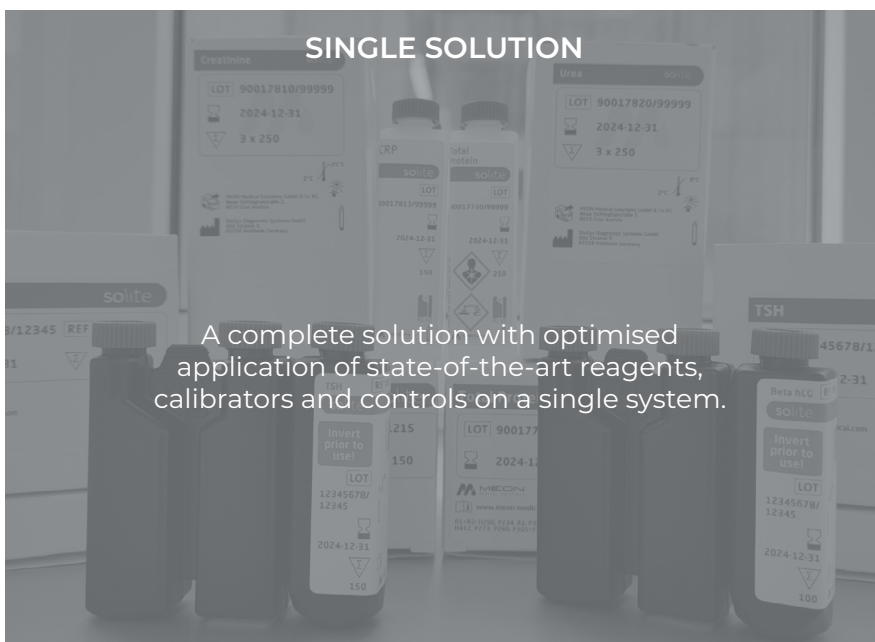
## FLEXIBILITY



Designed for mid-sized laboratories means flexibility. From configurable real-time notification of consumable needs to processing of STAT samples.

## SINGLE SOLUTION

A complete solution with optimised application of state-of-the-art reagents, calibrators and controls on a single system.



# SPECIFICATIONS

## Samples

- On-board storage: 60 tubes
- Continuous loading & random access
- Automatic barcode identification
- Specimen types: Serum, plasma, urine, whole blood
- Sample volumes: 2-200 µl
- Primary/secondary tubes & microcups

## Reagents / consumables

- Refrigerated reagent storage:
  - 44 positions (4-8°C): Dual-chamber kits (chemistry & auxiliary reagents)
  - 16 positions (4-10°C): Triple-chamber kits (immunoassay)
- Ready-to-use reagent kits with secure RFID position & data recognition
- Snap-in ISE consumables

## Dimensions & weight

- 110 x 85 x 130 cm (H x D x W)
- Footprint: 1.1 m<sup>2</sup>
- Approx. 450 kg

## Interfaces

- Direct connection to water supply & sewerage
- Electrical supply: 200-240 VAC, 50/60 Hz
- LIS-2A connectivity
- Remote access / support



**INTEGRATION. QUALITY. INTELLIGENCE.**

Combined clinical chemistry, ISE and immunoassay testing in a fully integrated system designed for mid-sized labs.



MEON Medical Solutions® GmbH & Co KG  
Neue Stiftingtalstraße 2, 8010 Graz Austria



+43 316 337 0070



office@meon-medical.com

