



TECHNOGENETICS

AL1200



Performance

- Throughput up to 120 test/hour
- Walk-away about 1000 test (8h)
- Continuous loading & random access to samples and reagents

Samples

- 126 on-board samples
- Refrigerated sample area
- Sample pre-treatment, one, two, three-step and multi-protocol assay
- Sample pipetting with disposable tip (no carry-over)
- Sample barcode identification

Reagents

- 25 on-board test set
- Refrigerated reagents area
- Dynamic acquisition/storage of specific reagents info on RFID tag
- Common reagents barcode identification

Software

- Very friendly and intuitive Graphic User Interface (GUI) with touch screen
- Complete traceability
- QC data management by Levey-Jennings charts and Westgard rules
- Remote access through internet connection
- Online troubleshooting and software update
- LIS connection to intranet
- Open to specific protocol development

Other features

- Clog/bubble/low sample detection
- Checking and recovery of all instrument movements
- Modular architecture for improved maintenance
- CAN-bus and robust communication protocol
- Adaptable to LAS interface

Flexibility

- Patient specific test profiles
- Various operation modes: random access, batch and STAT
- Continuous loading of samples and reagents
- Barcode identification of samples and Radio Frequency Identification (RFID) of reagents
- Specific pre-dilution protocols for single sample/analyte, reflex function, on-board pre-treatment of samples
- On-board storage of refrigerated reagents and samples

Efficiency

Quick, walk-away system that fully automates testing of a wide range of parameters.

- Best analytical output: 120 tests/hour
- First result in 25 minutes (two-step test)
- Racks containing up to 972 disposable cuvettes and tips
- On-board common reagents to perform over 1000 tests
- Ready to use reagent cartridge for 50/100 tests

Reliability

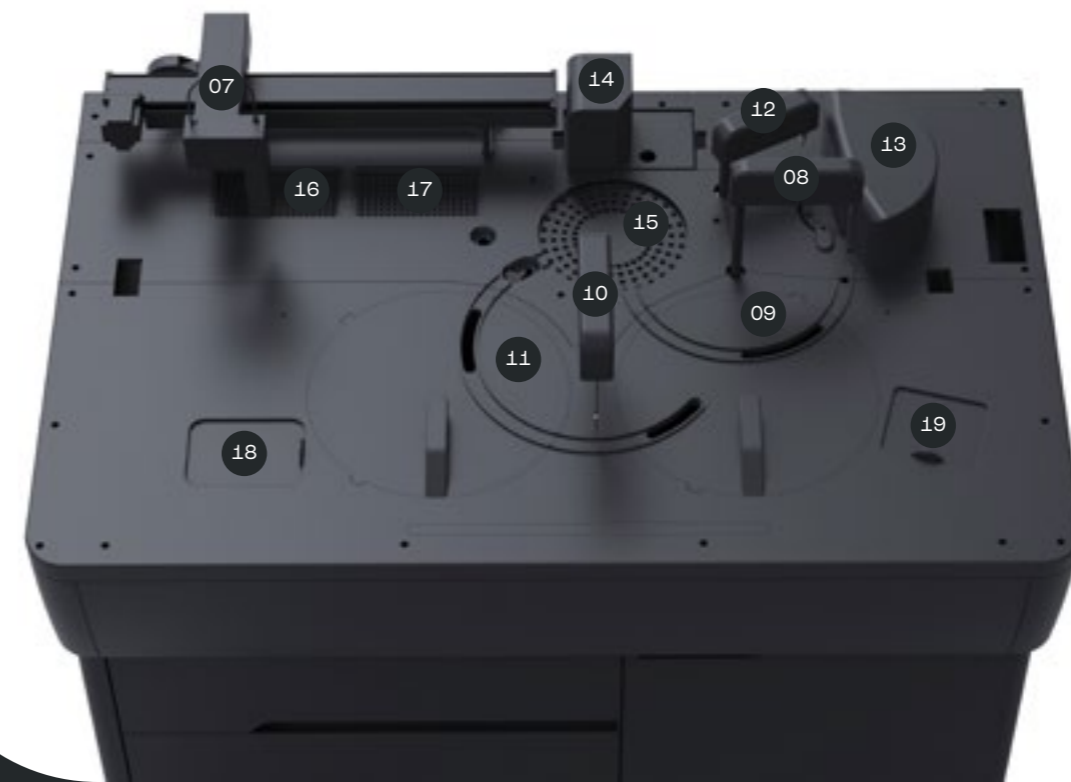
Accurate and reproducible results thanks to the CLIA (Chemiluminescence Immunoassay) method, which uses coated micro-particles with a large and consistent coating area.

- Interactive management of specific and common reagents stock
- Re-calibration every two-three weeks or at each lot changing
- Two-point calibration curve
- Disposable cuvettes
- Disposable tip to avoid sample carry-over
- Dispensing needle washing with decontaminant reagent

User friendly

- Intuitive Graphical User Interface (GUI) with touch screen
- Interactive management of reagent and ancillary stock
- LIS compatibility, remote maintenance connection, on-line upgrading
- Full traceability of samples, reagents and operators

Random access system in chemiluminescence designed in Italy



- View door **01**
- LCD monitor **02**
- Emergency button **03**
- Tips/cups drawer **04**
- Waste drawer **05**
- Common reagents **06**
- Loading arm **07**
- Reagents arm **08**
- Reagents carousel **09**
- Samples arm **10**
- Samples carousel **11**
- Cup transfer arm **12**
- Wash station **13**
- Reading station **14**
- Incubator **15**
- Tips rack **16**
- Cups rack **17**
- Sample load **18**
- Reagent load **19**

Autoimmune Diseases

Connective Tissue Diseases

ANA Screen

ENA Screen

dsDNA IgG

SS-A/RO 52 KDA

SS-A/RO 60 KDA

SS-A/Ro

SS-B/La

Sm

U1-snRNP

Scl-70

Jo-1

Centromere B

Ribosome P*

RNAP III*

Nucleosome*

Thyroid

anti TG

anti TPO

Liver

AMA M2 IgG

LKM-1 IgG

Celiac Disease

Deamidated GLIADIN IgA

Deamidated GLIADIN IgG

tTG IgA

tTG IgG

Vasculitis

MPO

PR3

GMB

Rheumatoid Arthritis

CCP

Anti-Phospholipid Syndrome

Cardiolipin IgG

Cardiolipin IgM

β 2-Glycoprotein I IgG

β 2-Glycoprotein I IgM

Stool

Calprotectin

Infectious Diseases*

ToRCH

Toxo IgG

Toxo IgG Avidity

Toxo IgM

Rubella IgG

Rubella IgG Avidity

Rubella IgM

CMV IgG

CMV IgG Avidity

CMV IgM

HSV-1 IgG

HSV-2 IgG

HSV 1/2 IgM

EBV

EBV VCA IgG

EBV VCA IgM

EBV EBNA-1 IgG

EBV EA IgG

Pediatric Diseases

MEASLES IgG

MEASLES IgM

MUMPS IgG

MUMPS IgM

VZV IgG

VZV IgM

Others

Tetanus IgG

Borrelia IgG

Borrelia IgM

Parvovirus B19 IgG

Parvovirus B19 IgM

*Coming soon