

Miura One

Fully-automated Clinical Chemistry Analyzers
up to 180 tests/hour



I.S.E. S.r.l.

Clinical Chemistry Solutions

CUSTOMIZED SOLUTIONS FOR YOUR LAB

MIURA ONE



ATTENZIONE
WARNING
Area potenzialmente infetta
Potentially infectious area

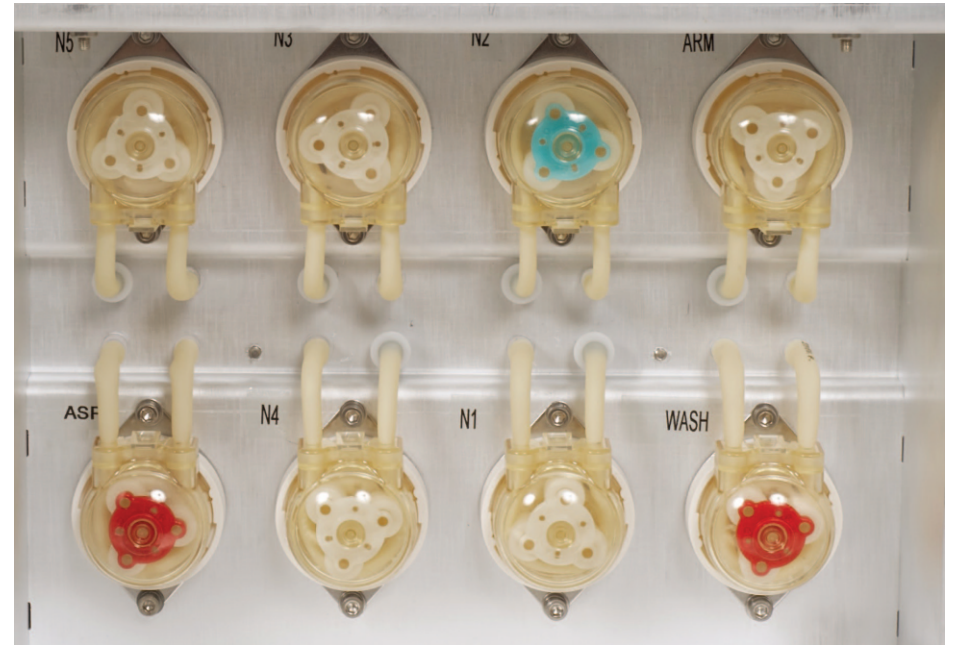
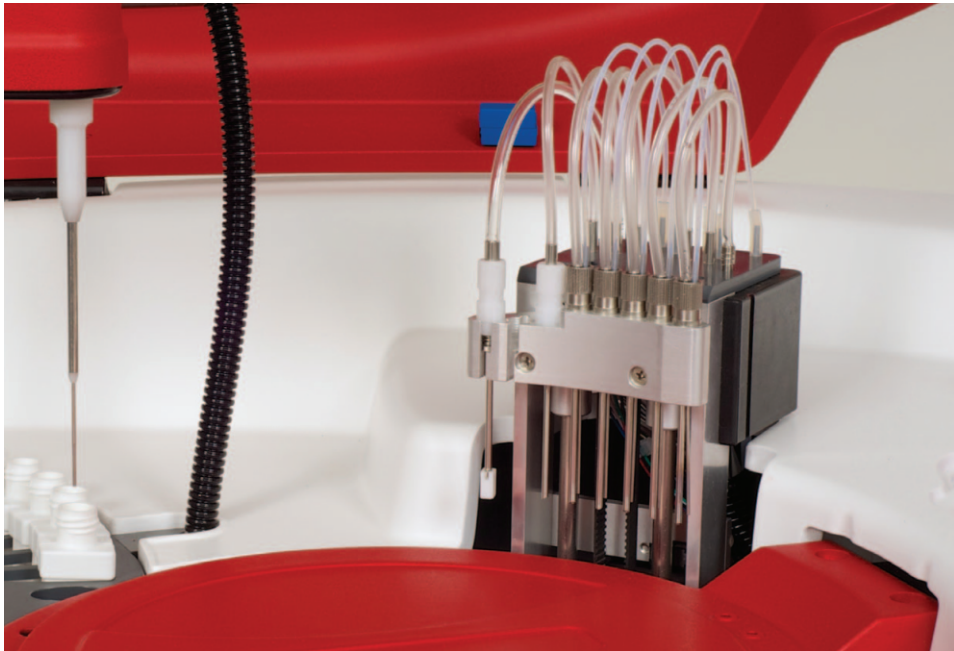
Duel

Miura One

Fully-automated Clinical Chemistry Analyzers
up to 180 tests/hour

- Miura One is a small yet smart random access fully automated analyzer.
- Miura One is designed to meet the requests of labs, doctor offices, clinics and veterinary labs.
- 2 different reagents/samples configuration.
- 19 reagents on board with 50ml R1 vials and/or 20ml R2 vials plus 9 samples plus diluent.
- 19 reagents on board with 35ml vials and/or 15ml R2 vials plus 15 samples plus diluent.
- Integrated ISE module for Na⁺, K⁺, Li⁺, Cl⁻ in serum, plasma and diluted urine.
- Integrated washing station.
- Integrated level and shock sensor for samples and reagents.
- Integrated positive identification for samples and reagents.
- Integrated micro metering diluter. No glass syringe.
- 2 years warranty.
- Miura One is 100% developed and produced in Italy.





TECH SPECS



- Up to 180 photometric tests per hour.
- Analytical methods: end point mono or bichromatic, fixed time, kinetic, differential sample blank.
- ISE module for: Na⁺, K⁺, Li⁺, Cl⁻ in serum, plasma and diluted urine.
- 19 parameters on line plus diluent with 50ml R1/ 20ml R2 vials.
- 19 parameters on line plus diluent with 35ml R1/ 15ml R2 vials.
- Mono, double, triple reagents method.
- Reaction temperature: +37°C ± 0.1°C
- 9/15 sample/calibrator/control positions on primary tubes (Ø12±13mm × 75/85mm) and sample cups (3ml).
- Automatic dilution of the samples.
- Calibration with linear/non linear curves up to 8 points, auto dilution of the calibration curve (linear regression, linear piece-wise, cubic spline, polynomial).
- Control menu with Levy-Jennings plot.
- Bar-code reader integrated for samples and reagents (optional).
- Arm equipped with liquid level detector (capacitive) and shock sensor.
- High Precision Micro-metering pump to dispense reagents and samples (no syringe).
- Reagent volume: 1÷400 microliters.
- Sample volume: 1÷300 microliters.
- Typical reaction volume: 200 microliters.
- Wavelengths on-board: 8 from 340nm to 700nm plus one free position.
- Light source: Long life halogen lamp (2000 hours).
- Photometric linearity: 0÷3.0 OD.
- Reading cuvette: 80 on-board re-washable made in Bionex®.
- Cuvette washing: automatic washing station.
- Water consumption: 2 liters per hour.
- Reagent cooler: 14°C below ambient temperature.
- PC/Monitor/Keyboard/Mouse/Printer: external
- L.I.S.: Bi-directional connection.
- Operative system: Windows®
- Environment temperature 18-32°C
- Dimensions: 80x62x60 cm
- Weight: 42 kg.