

Miura

Fully-automated Clinical Chemistry Analyzers

Single Arm - up to 360 tests/hour

Double Arm - up to 500 tests/hour

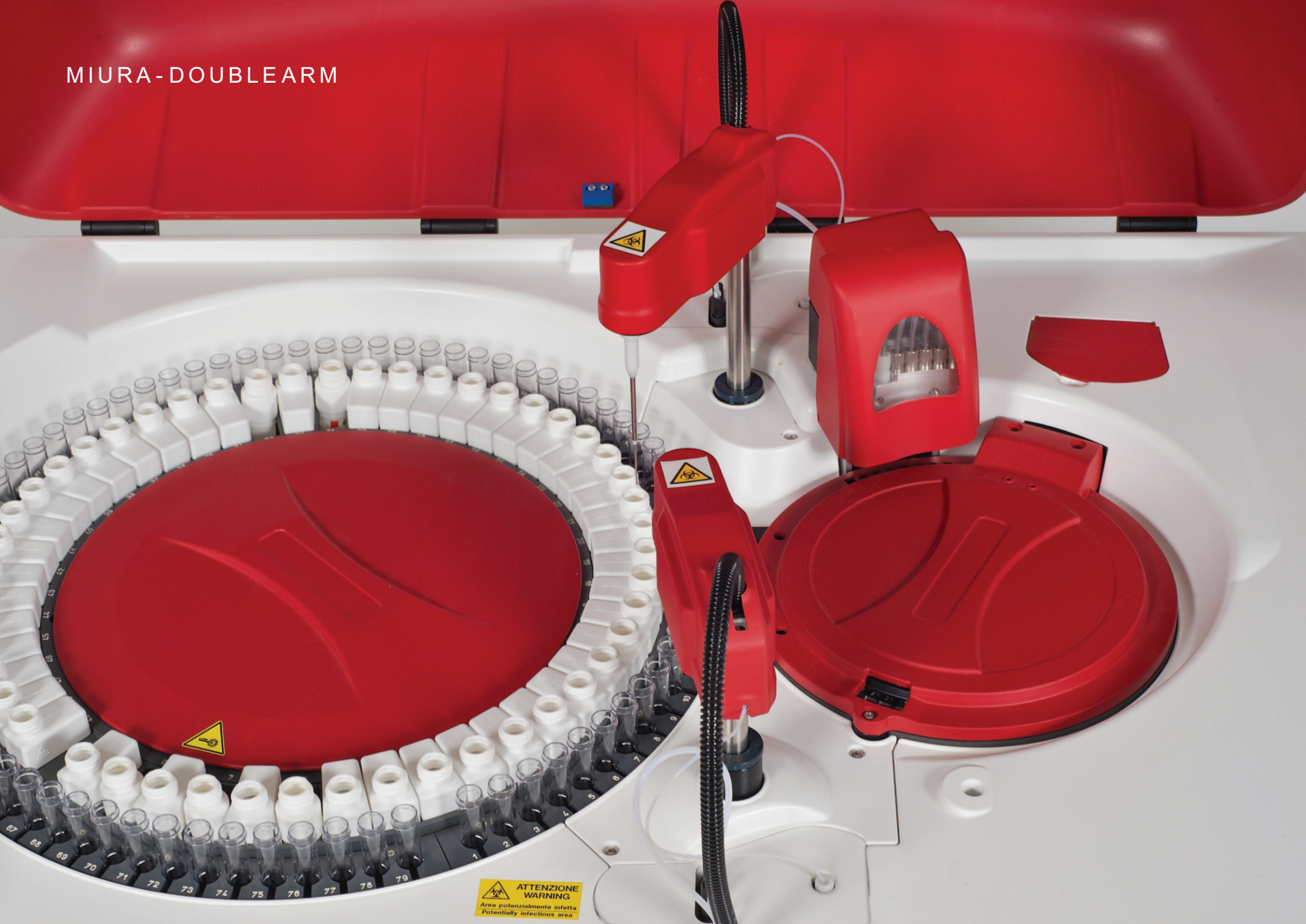


I.S.E. S.r.l.

Clinical Chemistry Solutions

CUSTOMIZED SOLUTIONS FOR YOUR LAB

MIURA-DOUBLEARM



**ATTENZIONE
WARNING**
Area potenzialmente infetta
Potentially infectious area

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Single Arm - up to 360 tests/hour

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- Miura is a random access fully automated analyzer and is the right solution for all kinds of laboratories.
- Miura is a sophisticated yet user friendly solution.
- The smart software interface, designed to be used in few steps and translated in several different languages, makes the Miura the logic choice for the laboratories all over the world.
- Single arm or double arm.
- Bench top or floor stand.
- 49 reagents on board with 50ml R1 vials and/or 20ml R2 vials.
- 59/79 samples on board.
- 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 maintenance free.
- 2 years warranty.
- This is our idea of a random access analyzer.
- Miura is 100% developed and produced in Italy.



Double arm

- Up to 500 tests per hour with ISE.
- 59/79 sample/calibrator/control positions on primary tubes (Ø12÷13mm × 75/100mm) and sample cups (3ml).

Single arm

- Up to 360 tests per hour with ISE.
- 59/79 sample/calibrator/control positions on primary tubes (Ø12÷16mm × 75/100mm) and sample cups (3ml).

Common Specifications

- Analytical methods: end point mono or bichromatic, fixed time, kinetic, differential sample blank,
- Integrated ISE module for: Na⁺, K⁺, Li⁺, Cl⁻ in serum, plasma and diluted urine.
- 48 parameters on line plus diluent with 50ml R1/20ml R2 vials.
- Mono, double, triple reagents method.
- Reaction temperature: +37°C ± 0.1°C
- Automatic auto 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: 3/4 liters per hour.
- Reagent cooler: 14°C below ambient temperature.
- PC/Keyboard/Mouse/Printer: external
- Monitor 17 inch on board
- L.I.S.: Bi-directional connection.
- Operative system: Windows®
- Environment temperature 18-32°C
- Bench top version Dimensions: 114x75x60 cm
- Weight: 80 kg
- Floor stand version Dimensions: 190x77x132
- Weight: 155 kg

