



Fully-Automatic  
CHEMISTRY ANALYZER

# SA-2500

*italy*

200 Tests/Hour, Double Reagent



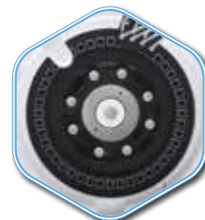
- 80 Reagent Positions
- Constant 200 Tests/hour, double Reagents
- Automatic Liquid Level Sensing, Anti-collision Protection
- Integrated Full Closed Optical System • Non Stop Cooling System 24h 2°C-14°C
- Excellent Mixer Design Teflon Coating Mixer • Reaction Volume As Low As 150 µl
- High Precision Ceramic Syringe • Advanced Operating System
- Maintenance Free Semiconductor Solid State Refrigeration



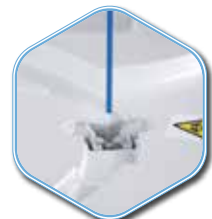
Intelligent Sampling



Reagent Tray, Sample Tray



Accurate Temperature Control



Waterfall Flushing Position

## TECHNICAL PARAMETERS

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**MACHINE TYPE:** Random access, open reagent & locked reagent (optional)

**TEST SPEED:** Constant 200 tests/hour (Mono reagent or double reagent)

**TEST PRINCIPLE:** Colorimetric method, turbidimetry

**TEST METHOD:** 1 point end, 2 point end, Fixed-Time, Kinetics

**CALIBRATION TYPE:** Linear & nonlinear

**SAMPLE TRAY:** 40 sample positions

**SAMPLE TUBE:** Micro cup & test tube & blood collection tube can be used. ( Ø 12 -13 )mm \* ( 25 — 100 )mm

**SAMPLE VOLUME:** 2-30µL, step by 0.1µL

**SAMPLE PROBE:** Liquid surface detection, timely tracking for liquid volume. Collision avoidance

**REAGENT TRAY:** 80 reagent positions (40 for R1 & 40 for R2), Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C, open system, could accept any reagent.

**REAGENT VOLUME:** 20-300µL, step by 1µL

**REACTION TRAY:** 44 reaction cuvettes, new amorphous optical plastics reaction cups, perfect transmittance.

**REACTION VOLUME:** 150µL-330µL

**REACTION TIME:** 10 minutes

**TEMPERATURE:** Peltier pad incubation system, reaction temperature (37V + 0.1 V)



## FEATURES

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**MIXER:** Paddle-type mixing, effective reducing of carry-over

**LIGHT SOURCE:** Halogen lamp

**WAVELENGTH:** 340nm; 405nm; 450nm; 505nm; 546nm; 578nm; 630nm; 700nm (4 more options)

**ABSORBANCE RANGE:** 0-4.0 Abs

**RESOLUTION:** 0.0001 Abs

**OPERATING SYSTEM:** Windows XP, Windows 7, Windows 8, Windows 10

**REPORT PRINTING:** 6 formats optional, support custom pattern

**INTERFACE:** TCP/IP network interface

**POWER SUPPLY:** AC 110/220V 1 10%, 50/60 Hz, 650W

**WATER CONSUMPTION:** 8 L/hour (maximum)

**DIMENSION:** 745mm \* 540mm \* 530mm (L\*W\*H) **WEIGHT:** 45,4kg

