



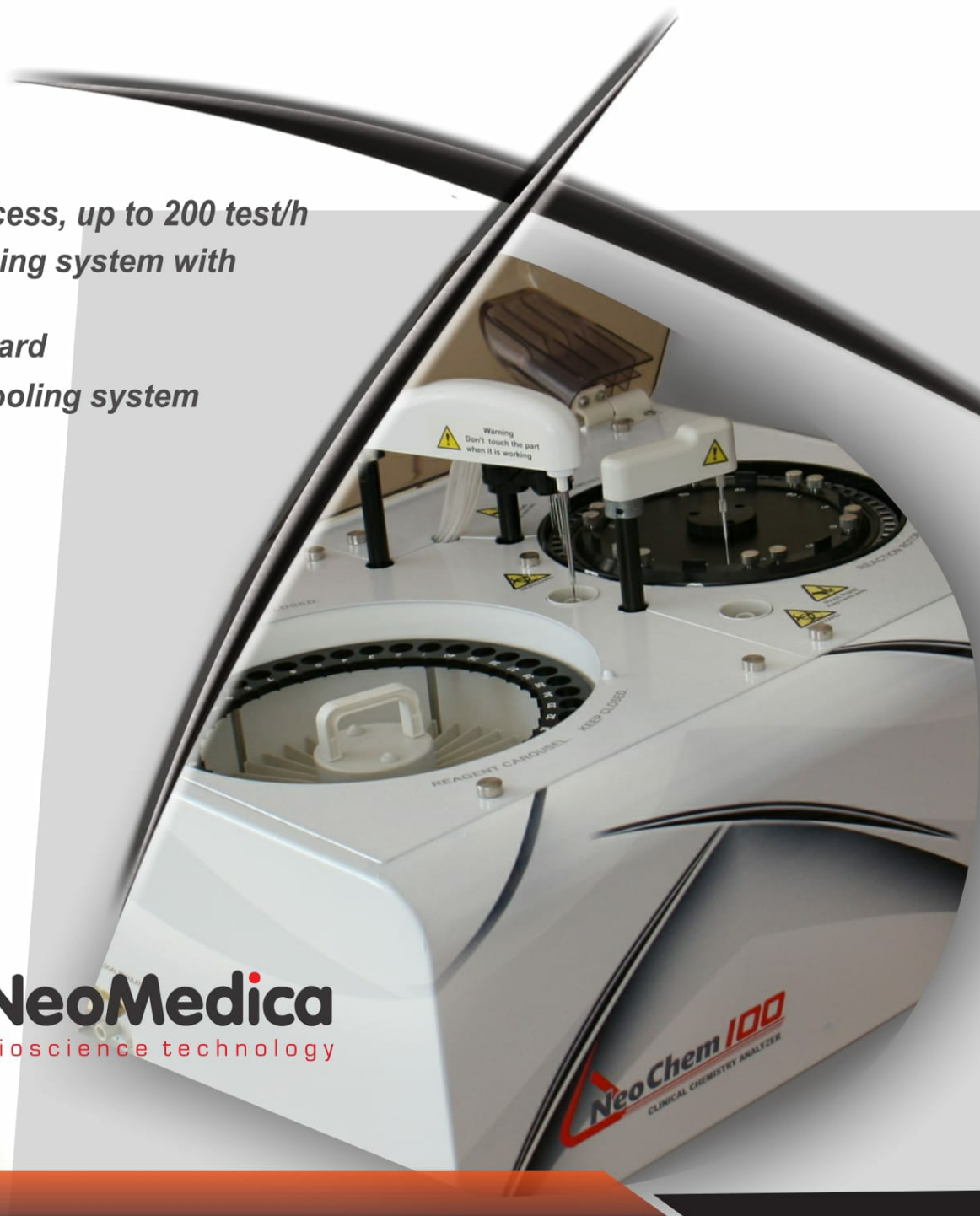
# NeoChem 100

AUTOMATIC BIOCHEMISTRY ANALYZER

- *Random access, up to 200 test/h*
- *7-step washing system with hot water*
- *Mixer on-board*
- *On-board cooling system*



**NeoMedica**  
bioscience technology



# AUTOMATED BIOCHEMISTRY ANALYZERS

*Compact / bench-top / random access*

## NeoChem 100

Automated Biochemistry Analyzer  
(up to 200 tests/hour)

- Throughput: Random access, 200 tests/h
- Refrigerating reagent tray
- On board cooling system
- 7-step washing system with hot water



NeoChem 100 is the **new standard in the bench top chemistry analyzers.**

With its new **compact design** and best-in-class operator interface, it enables significant productivity and overall performance enhancements - not found in other chemistry analyzers in this class.

This system is perfect for primary, immediate, or back-up testing requirements. It offers minimal maintenance and effective use of consumables to provide a truly **cost effective operation.**



**MINIMAL MAINTENANCE**  
*will reduce your operational costs!*

**Cost effective solution**  
**for small or medium-sized labs**  
**for primary, STAT or back-up needs.**



*Low cost reusable cuvettes*

**MODERN,  
COMPACT & FAST**





**MODERN, ROBUST AND PERFECT**

## MAIN ADVANTAGES:

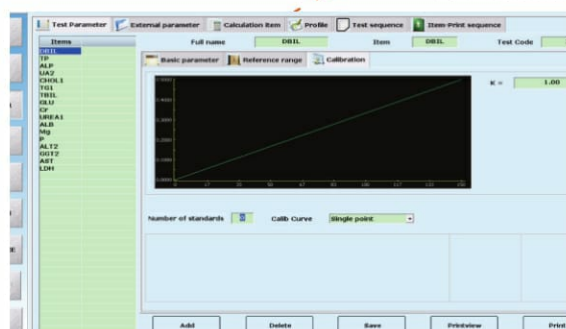
- **Reagent cooling system**
- **Automatic cuvettes detection & selection**
- **Automatic 7-step washing system**
- **Mixer on-board**
- **Collision protecting**
- **Low water consumption**

## TECHNICAL SPECIFICATIONS

- Test Speed: 200 test / hour
- Assay method: End-points, Fix-time (two points) Kinetic, Colorimetry, Turbidimetry, Two wavelength, Double reagent, multi-standard etc.
- Reagent Tray: 40 barcoded bottles
- Sample tray: 40 sample positions, samples can be placed randomly, including standard, QC, emergency
- Original tube or serum cup can be used
- Reagent tray: 40 reagent positions, 1 diluent position, 20ml reagent bottle, with 24-hour peltier refrigerated compartment function
- Sample volume: 2-50 $\mu$ l, 0.1 $\mu$ l step
- Reagent volume: R1 150 ~ 300 $\mu$ l, R2 10 ~ 150 $\mu$ l, 1 $\mu$ l step
- Reaction volume: 150 ~ 300 $\mu$ l
- Reaction disc: 60 reusable plastic cuvettes
- Reaction temperature: 37 $\pm$ 0.1 $^{\circ}$ C, temperature fluctuating should be  $\pm$ 0.1 $^{\circ}$ C
- Hot water ensure constant temperature in reaction rotor
- Reaction cuvette: 5mm $\times$ 6mm $\times$ 25mm, optical path 5mm, metacryll
- Support LIS interface
- Data Processing: Editing and storage more than 300 testing parameters. Patient's information can be stored infinitely.
- Reaction liquid total volume: 180 ~ 500 $\mu$ l
- Light source: 12V, 20W halogen lamp with long-life
- Optical system: Static optical fiber system multi-wavelength spectrophotometer
- 9 wavelength: 340,405,450,546,570,620, 660, 690 + 2 free
- Detecting cycle: 18 seconds
- Absorbance linearity:0.0000 ~ 4.0000 Abs
- Wavelength accuracy:  $\pm$ 2nm
- Repeatability: CV  $\leq$  2,0%
- Stability: Within one hour, absorbance change is less than 0.01
- Data Procesing: Editing and storage more than 300 testing parameter.
- Altitude: below 3000m
- Interface: Instrument / computer: RS-232C, network port, touch screen possible
- QC: Multi QC function, QC diagrams can be stored, displayed and printed; Different QC material can be pre-set up; every test can take 3 different QC material
- Dimensions:415mm(W)x565mm(L)x385mm(H)  
Net Weight: 28 kg



### Calibration





We are manufacturer, and global supplier of medical devices for In Vitro diagnostics.

Based in Europe, we implement highest standards in essential elements of our products - including manufacture, support in knowledge and effectiveness through response time and good logistics.

In a brand new factory, introduced in 2013, diverse products are manufactured with unique purpose - to contribute to health around World.

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ISO 9001  
CERTIFIED

