

Automated biochemistry analyser

# KENZA 450 TX



[www.biolabo.fr](http://www.biolabo.fr)



# KENZA 450 TX



**Compact and fast**  
Your new biochemistry analyser

## Automated biochemistry analyser KENZA 450 TX

- Up to 420 tests/hour
- Optional ISE module : Na, K, Cl, Li (+480 tests/hour)
- Random access
- 120 independent reagent positions
- 98 positions for samples, calibrators and controls
- Automatic washing station for cuvettes
- 2 automatic permanent washing stations for probes
- Instant stat function
- 2 arms, 3 syringes



## Highest Flexibility

- Time to first results: 2 min 20 s only!
- Continuous loading of patients (samples, reagents...)
- Immediate assay of STAT tests
- Open Anytime! Stops sampling immediately if opened
- Low water consumption (<3L/h in max. use)
- No start and stop procedure
- Always ready to work

**KENZA 450 TX**

**BIOLABO**  
Diagnostics 

## Reagents

- 2 reagent trays
- 60 positions for R1
- 60 positions for R2/R3
- Small, medium, large vials or microvolumes
- Permanent cooling of reagent tray
- Reagent level sensor
- Reagent probe collision detector
- Permanent probe washing



## Samples

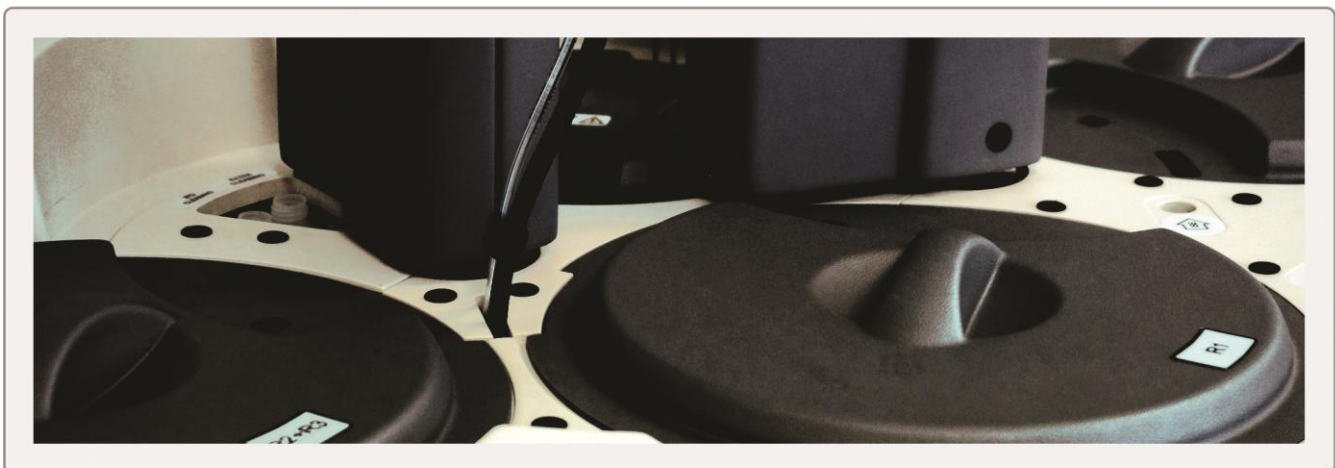
- 80 sample positions
- 10 control positions, 8 standard positions
- Probe driven by 2 precision Hamilton syringes
- Sample level sensor
- Sample probe collision detector
- Permanent probe washing

## Software

- User-friendly ergonomic interface
- Optimized for touch screen
- Analyses: End point, kinetic, Fixed Time, Differential, Sample blank, Multistandard, Bichromatism, Immunoturbidimetry
- Levey-Jenning controls chart
- Westgard rules automatic checks
- Management of incompatibilities between reagents
- Calculated methods
- Daily tests statistics
- Bidirectional LIS communication protocols (xml, csv, realtime, ...)

## Optical Group

- Long life halogen lamp
- 9 interferential filters: 340-380-405-450-505-546-570-620-700
- Simultaneous reading on 9 wavelengths
- Optical path: 6 mm
- 50 long-life reading cuvettes
- High performance washing station (3 double + 2 single needles)
- Washing with water and special cleaning solution
- Low water consumption: <3 L/hour in maximal use
- 250 readings every 15 seconds!
- Fiber optic technology





## Identification (optional)

- Internal Barcode reader for samples
- Internal Barcode reader for reagents
- 2D External Barcode reader for automatic insertion of calibrators & controls values



## 2 arms, both including :

- Probe
- Level sensor (reagents and samples)
- Reagent pre-heating
- Collision detector
- Washing station



## Technical features

- Net dimensions: 100 cm (W), 65 cm (D), 55 cm (H), Net weight: 60 kg
- Gross Dimensions: 119 cm (W), 90 cm (D), 92 cm (H), Gross weight: 95 kg



## Technical Service

Clinical Chemistry specialists answer your technical questions.  
Please contact us for further details.



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**▲KENZA 450 TX**

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**Distributor:**

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