# Auto Chemistry Analyzer MTR-CA-200



## Overall Appearance:

One probe for reagents and samples;
One mixer; Washing probe.
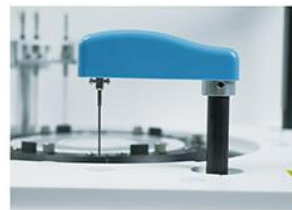




**Reaction Tray**
37±0.2°C,
real-time monitor.



**Reagent Tray**
Refrigerated tray with
independent switch.



**Sample&Reagent Probe**
Liquid level sensor function.
Anti-collision function.
Reagent volume real-time
detection.



**Mixer Probe**
Teflon coating to avoid
cross contamination.



**Washing Probe**
Independent 3 -step
washing system.



**Independent Power
Switch**

## Features:

1. 37 sample positions.

2. 28 reagent positions.

3. 48 reaction cuvettes.

4. 200 tests per hour.

5. Probe with anti-collision function, liquid level detection function.

## Parameters:

| Model | | MTR-CA-200 |
|---|---|---|
| Overall Performance | Throughput | 200 tests/hour |
| | Analysis Method | End-point, Fixed-time, Rate (Kinetic), Turbidimetry |
| | Certificates | CE, FDA, ISO9001, ISO13485 |
| Sample & Reagent System | Sample Positions | 37 sample positions |
| | Reagent Position | 28 reagent positions |
| | Sample Volume | 2~70μl |
| | Reagent Volume | 20~350μl |
| | Probe | Teflon coating, with anti-collision function, liquid level detection function |
| | Probe Washing | Automatic washing interior and exterior |
| | Reagent Cooling | Refrigerated tray with independent switch |
| Reaction System | Temperature Control | 37±0.2°C |
| | Cuvettes | 48 reusable cuvettes, optical length 6mm |
| | Mixer Probe | Independent stirring |
| | Washing | Automatic cuvettes washing |
| | STAT Function | YES |
| Optical System | Light Source | 6V/10W halogen lamp |
| | Spectrophotometry | Post-spectral spectrophotometry |
| | Wavelength | 340, 405, 450, 510, 546, 578, 630, 700nm |
| | Absorbance | 0~3.0Abs |
| Calibration & QC | Calibration | Linear: K factor, 1-point, 2-point and multipoint linear |
| | | Non-Linear: Spline, Polygon, Logit-4P, Logit-5P |

| | Quality Control | Real-time QC, Westgard multi rule, Cumulative sum check, Twin Plot(2D), Daily QC, Monthly QC |
|---|---|---|
| **Data Management** | **Software** | Windows 7/8/10, 32 or 64 bit |
| | **LIS System** | Bi-direction, support HL7 protocol |
| | **Interface** | LAN port access |
| | **Printer** | External optional, multiple reporting mode available |
| **Working Conditions** | **Power Supply** | AC220V±10%, 50/60Hz; 110V±10%, 60Hz, 300W |
| | **Temperature** | 15~30°C |
| | **Water Consumption** | Deionized water: ＜ 5L/H |
| | **Humidity** | 40%~85% |
| **Size & Weight** | **External Size(W*D*H)** | 625*425*460mm |
| | **Net Weight** | 36kg |
| | **Package Size(W*D*H)** | 750*560*900mm |
| | **Gross Weight** | 55kg |