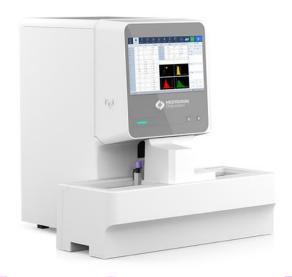


5-Part Auto Hematology Analyzer MTR-HA-5331



Features:

- Throughput 70 Samples/Hour.
- 14-inch color touch LCD screen, easy to operate, display all parameters and histograms on the same screen.
- 31 Parameters + 3 Histograms
- 50 sample positions, automatic loading, mixing and sampling
- Tri-angle laser scatter + flow cytometry method + impedance method for RBC and PLT counting.
- 3D holographic scattergram displays the accurate 5-part differentiation of WBC.
- Large storage capacity: 100,000 results (including histogram, scattergram, patient information).
- 50 Flags including MALARIA and DENGUE Flags to help analysis results



Parameters:

| Model | MTR-HA-5325 | | | |
|----------------------|---|---------------------------|------------|--------|
| Throughput | 70 Tests/Hour | | | |
| Assay Items | 5 Parts, 31 Parameters, 3 Histograms (WBC/BASO, RBC, PLT), 3D Scattergram | | | |
| | | | | |
| Principle | Tri-angle laser scatter, Flow cytometry method, 3D scattergram | | | |
| | analysis, Impedance method for RBC and PLT counting, Cyanide | | | |
| | free reagent for HGB test | | | |
| Test Mode | CBC mode, CBC+DIFF mode | | | |
| - | Venous whole blood, Capillary whole blood and Prediluted | | | |
| Parameters | 25 reportable parameters: WBC, RBC, HGB, HCT, MCV, MCH, | | | |
| | MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, | | | |
| | P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 6 research parameters: ALY%, ALY#, LIC%, LIC#, NRBC%, NRBC# | | | |
| | | | | |
| | | | | |
| Performance | Item | Linearity range | Carry Over | CV |
| | WBC | $0 \sim 300*10^9/L$ | ≤ 0.5% | ≤ 2.0% |
| | RBC | $0 \sim 8.00*10^{12}/L$ | ≤ 0.5% | ≤ 1.5% |
| | HGB | 0~250g/L | ≤ 0.5% | ≤ 1.5% |
| | PLT | 0~3000*10 ⁹ /L | ≤ 1.0% | ≤ 4.0% |
| Sample Volume | CBC+DIFF mode: ≤20µl | | | |
| | CBC mode: ≤10μl | | | |
| Storage | 100,000 results including histogram, scattergram and patient | | | |
| | information | | | |
| Interface | 4 USB ports, 1LAN port, Bi-direction LIS, support HL7 protocol, | | | |
| | Internal RFID reader | | | |
| Power Supply | AC220V+10% 50/60Hz; 110V+10% 60Hz; 400VA | | | |
| Package Size(W*D*H) | Main Machine: 680*580*895mm | | | |
| | Accessories: 950*500*580mm | | | |
| Gross Weight | Main Machine: 60kg | | | |
| December 1 C' | Accessories: 27.6kg | | | |
| Reagent Package Size | 330*330*330mm, 400*290*240mm, 400*290*240mm | | | |
| Reagent Gross Weight | 22kg, 2kg, 1kg | | | |