



Auto Biochemistry Analyzer GS100

This device enables the photometric determination of clinical chemistry parameters from samples of serum, plasma, urine and cerebrospinal fluid. GS100 is the smallest and most integrated chemistry analyzer, which is perfect for low volume laboratories. The in vitro diagnostic device is programmable and needs respective reagents

Easy to operate

- Up to 120 tests per hour
- Fast start-up and shut-down process
- User-friendly software
- Auto cuvette washing
- Open or closed system

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Integrated technology

- Built-in computer!
- Built-in thermal printer
- Complete solution

Economical solutions

- Minimal bench space needed
- Minimum reaction volume
- Reusable cuvettes
- Low water consumption
- Low energy consumption



Technical specifications

- Test method: Photometric colorimetry
- Assay method: Endpoint, kinetic, 2-point kinetic, dual wavelengths
- Wavelengths:
8 (340, 405, 450, 510, 546, 578, 630, 670 nm)
- Light source: 12 V, 20 W halogen tungsten lamp
- Screen: 10.4 inch LCD touch screen
- Reagent tray: 54 reagent positions
- Sample tray: 27 sample positions
- Reaction tray: 81 reusable cuvettes, auto cuvette wash
- Water consumption: ≤ 1 L/h
- Throughput: Up to 120 tests per hour
- Carryover: ≤ 0.5 %
- Absorbance range: 0 – 4.5 Abs.
- Reaction temperature: $37^{\circ}\text{C} \pm 0.1^{\circ}\text{C}$
- Result storage: 122 programmable assays, $\geq 100,000$ test results
- Printer: Integrated thermal printer, connectivity to external printer possible
- Connectivity: Ethernet, USB, RS-232, VGA, HDMI, audio, etc.
- Power supply: AC 100 – 240 V; 50/60 Hz, 150 VA
- Environmental temperature / Relative humidity: $10^{\circ}\text{C} - 30^{\circ}\text{C} / 30 - 85$ %
- Atmosphere pressure: 70 kPa – 106 kPa
- Altitude : En-dessous de 3000 m
- Dimensions:
605 mm (L) x 350 mm (W) x 350 mm (H)
- Weight: Net weight 25 kg

For more information, please contact us. We remain at your service!

action medeor e.V.
German Medical Aid Organization

St. Töniser Str. 21
47918 Tönisvorst | Germany
Phone: +49 2156 9788 100
info@medeor.de | www.medeor.de/en



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German Medical Aid Organization