



SPECIFICATIONS

Description	Fully Automated, discrete, random access clinical chemistry analyzer
Measuring principle	Spectrophotometry
Photometric throughput	Up to 200 tests/hour
Photometric system	HCFG rear spectrophotometry
Methodology	End point, Fixed time, Kinetic, Single & Dual reagent chemistries Mono & Bi chromatic, Linear & non-linear multipoint calibration
Light source	Halogen - Tungsten lamp (12V/20W)
Monochromator	Grating Photometry (Holographic Concave Flat Field Grating)
Wavelength	340 nm, 405 nm, 450 nm, 505 nm, 546 nm, 578 nm, 620 nm, 670nm
Linear range	0 ~ 3.3 Abs
Detector	Photodiode array
Reagent tray	47 position for reagents
Sample position	Up to 50 positions for sample
Sample cuvette specification	Standard cup, original blood tube, multi-specification tube (10~13) x (75~100) mm
Sample reagent probe	Digital liquid level detection and vertical collision protection
Sample dilution	Pre & Post dilution facility
Reagent volume	10~400 µl
Sample volume	2~50 µl
Dilution vessel	UV plastic semi permanent cuvette
Reagent bottle volume	20 & 40 ml
Reaction cuvette	90 positions high quality UV-transmitted plastic cuvette
Reaction volume	100~400 µl
Reaction temperature	37±0.1°C
Reaction disk constant temp.	Thermostat air bath
Mixing system	Teflon coated stirrer
Laundry system	8 Channels automatic washing system
PC operation system	Windows 7 or Windows 10
PC configuration	CPU > 2.9 Ghz (dual core processor); RAM > 4 GB; Harddisk ≥ 160 GB
Analysis control	Graphical operating software
Report printing	Supports user-defined mode, QC and state information etc
System connection	RS 232
Calibration method	Linear (One-point, two-point and multi-point), Logit-Log 4P, Logit-Log 5P, Spline, Exponential, Polynomial
Quality control method	Real-time, daily, monthly & QC chart Visual QC assessment QC history checking QC error analysis
Parabola control rules	Westgard multi-rule, L-J chart
Power supply	100~240 VAC 50/60Hz Power 600VA
Ambient temperature	15°C~25°C
Relative humidity	40% ~ 85%
Atmospheric pressure	70-106kPa
Water consumption	4L/hour
Dimensions (LxWxH)	744x703x530 mm
Weight	Approx. 100 kg

Medizin
Assure Technik



Fully Automatic Chemistry Analyzer

