

Technical Specifications

Throughput	Double Reagent : 200 Tests / hour Single Reagent : 240 Tests / hour With ISE (Optional) : Max 300 Test / hour
System Functions	Analysis method : End Point, Fixed Time (2-point), Kinetic Rate-A, Kinetic Rate-B Assay modes : Colorimetry, Turbidimetry, Single and Double reagent, Multi standard, Mono and Bi – Chromatic
Sample / Reagent handling	Sample volume : 2 - 50 μ l 0.1 μ l step Sample dilution : 2 to 40 times Reagent position : 30 for R1 and R2 Reagent volume : Reagent 1: 180-350 μ l (Adjustable in 1 μ l step) Reagent 2: 0 or 10-350 μ l (Adjustable in 1 μ l step)
Reaction System	Reaction cuvette : 60 (Dismountable) Cuvette washing : On board laundry with 7 step washing system Water consumption : 5 - 6 litres / hour Optical length of cuvette : 6 mm Reaction volume : 180 - 550 μ l Reaction time : 30 to 600 sec (Depending on the designated cycle time and number of reagents) Reaction temperature : 37 \pm 0.2 $^{\circ}$ C
Optical System	Measurement : Photometry Light source : Halogen Tungsten lamp Wavelength : Total 9 filters (340, 405, 450, 510, 546, 578, 620, 670, 700 nm) Absorbance range : 0 - 3.0 Abs Resolution : 0.0001 Abs
Calibration	K-Factor, Linear (one, two and multi point), Logit-log, Spline, Exponential, Polynomial (second, third and fourth order) Calibration points : Multipoint curves for up to 6 points execution by repeat run list or auto execution Auto re-run : Auto execution according to abnormal marking or range over
Data Storage	Test results: Unlimited tests Reaction curve: Unlimited tests Profiles: 12 Within day as well as day-to-day X and X-R control diagram (L-J Graph)
Quality Control	Real time quality control based on Multi-rule method mean, SD, %CV, R is calculated for all parameters for sample replicates
Working Conditions	Power supply : 110/220 VAC, 50/60 Hz (Max. Power 250 W) Temperature : 10 C - 30 C Humidity : 40% - 80% free from water dew formation
Operation System Input and Output	Windows XP, Windows 2007, Window 8, Windows 10 or Winfix Input : RS 232 interface/computer Output : Multi Format Printout
Dimensions	550 mm (W) x 420 mm (D) x 380 mm (H)
Weight	Approx. 23 kgs
Mat Code	FAACNQ-05

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AutoQuant 200iTM



IVD

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Biochemistry Reagents

Mat Code	Material Description	Pack Size
ALBAQ1-01	ALBUMIN	6 x 20 ml
AMYAQ1-01	AMYLASE	4 x 20 ml
ALPAQ1-01	ALKALINE PHOSPHATASE	4 x 15 ml
GPTAQ1-01	ALAT (GPT)	6 x 20 / 6 x 5 ml
GOTAQ1-01	ASAT(GOT)	6 x 20 / 6 x 5 ml
BITAQ1-01	BILIRUBIN TOTAL	5 x 15 / 5 x 5 ml
BIDAQ1-01	BILIRUBIN DIRECT	5 x 15 / 5 x 5 ml
CAAAQ1-01	CALCIUM (A)	4 x 20 ml
CREAQ1-02	CREATININE	5 x 15 / 5 x 15 ml
CKNAQ1-01	CREATINE KINASE NAC	2 x 20 / 2 x 5 ml
CKMAQ1-01	CREATINE KINASE MB	2 x 20 / 2 x 5 ml
CHOAQ1-01	CHOLESTEROL	6 x 20 ml
HDLAQ1-01	HDL CHOLESTEROL (Direct)	2 x 18 / 2 x 6 ml
LDLAQ1-01	LDL CHOLESTEROL (Direct)	1 x 18 / 1 x 6 ml
CHDAQ1-01	CHLORIDE	4 x 20 ml
GGTAQ1-01	g-GLUTAMYL TRANSFERASE	1 x 20 / 1 x 5 ml
GLUAQ1-01	GLUCOSE	10 x 20 ml
LDHAQ1-01	LACTATEDEHYDROGENASE	1 x 20 / 1 x 5 ml
MAGAQ1-01	MAGNESIUM	4 x 20 ml
PHOAQ1-01	PHOSPHORUS	4 x 20 ml
TPRAQ1-01	TOTAL PROTEIN	6 x 15 ml
MTPAQ1-01	MICROPROTEIN	4 x 20 ml
TRGAQ1-01	TRIGLYCERIDE	6 x 20 ml
URCAQ1-01	URIC ACID	4 x 15 ml
UREAQ1-01	UREA	6 x 20 / 6 x 5 ml
MALAQ2-01	MICRO ALBUMIN	2 x 20 / 2 x 5ml
CRPAQ2-01	CRP	2 x 20 / 2 x 5ml
LIPAQ2-01	LIPASE	1 x 20 / 1 x 12 ml
HBAAQ2-01	HbA1c	2x15/2x5.5/1x75/4x0.5 ml

It Works, You Relax...



- Throughput: Up to 200 Tests / hour for double reagents
Up to 240 Tests / hour for single reagent
Up to 300 Tests / hour with ISE (Optional)
- Analysis Method : End Point, Fixed Time (2-point), Kinetic Rate-A, Kinetic Rate-B
- Assay Modes : Colorimetric, Turbidimetry, Single and Double reagent, Multi standard, Mono and Bi – Chromatic
- Random Access with STAT function
- Measurement Principle : Photometry
- Sample Positions: Maximum 30 positions
- Refrigerated cooled 30 onboard reagent positions maintained by water cooled Peltier system
- 60 dismountable, easily replaceable and reusable cuvettes
- Total fi 9lters (700 ,670 ,620 ,578 ,546 ,510 ,450 ,405 ,340 nm)
- Calibration Points: K-Factor, Linear, Logit-log 4P, Logit-log 5P, Spline, Exponential
- User defined reflex testing
- User defined forbidden pairs with 3 different types of wash
- Laundry System, 7-step automatic washing
- Low water consumption of 6 - 5 litres / hour
- Easy-to-use Windows based software (Windows XP/Windows 7 / Windows 8 / Windows 10)
- Maintenance free Syringe pump with ceramic piston