

## TECHNICAL SPECIFICATIONS

Model	FACA-401	FACA-301	FACA-261
Operation	Random access		
Reading System	Direct reading system		
Method	End point, Kinetic, Fixed time, Bi-chromatic, Immunoturbidimetric, 1-2 reagent, multistandard, reagent/serum blank etc		
Assay Item	80 assay items+3 ISE items(optional)	40 assay items+3 ISE items(optional)	
Throughput	400 tests/h or 600 tests/h with ISE	300 tests/h or 450 tests/h with ISE	270 tests/h or 420 tests/h with ISE
Sample Position	88 positions	60 positions	60 positions
	Including standard, control and stat; either serum cup or primary tube available		
Sample Volume	1~100ul, 0.1ul / step		
Reagent Position	2×40 positions	40 positions, or 80 positions ( optional)	
Reagent Volume	R1: 1~400ul, 1ul/step R2: 1~400ul, 1ul/step		
Reagent & Sample Probe	With liquid level sensor, collision sensor, teflon coating and automatic washing		
Reaction Time	0~999 seconds		
Cuvette	High quality uv-transmitted plastic cuvette, or quartz glass cuvettes on request		
Washing	8 channel automatic washing system for reaction cuvettes; independent washing station for each sample/reagent probe and mixer		
Alarm	Automatic alarm for malfunction (eg: collision, reagent insufficiency, full waste container, ect)		
Calibration	Linear, Non-linear, Multi point, K factor		
Sample Dilution/Retest	Sample can be diluted and retested if results are out of range or sample is insufficient		
Wavelength	340~810nm		
Light Source	Halogen lamp		
Absorbance Resolution	0.0001A		
Absorbance Accuracy	±0.0003A ( 0~2.5A)		
Repeatability (CV%)	≤2%		
Quality Control	Levy Jennings quality control program at 3 levels		
Bar Code	Optional		
Printer	Multiple report formats available		
Other	Tele-diagnostic, bi-direction interface to LIS system, ect		
Language	English, French, Spanish, German, Russian, ect		
System	Windows XP or Vista		
Power Supply	220V / 50Hz, or 110V / 60Hz(optional)		
Dimension	100cm×85cm×70cm	85cm×72cm×53cm	85cm×72cm×53cm
Weight	137Kg	90Kg	90Kg



**FACA-401 / FACA-301 / FACA-261**

**FULLY AUTOMATIC CHEMISTRY ANALYZER**

