

TECHNICAL SPECIFICATIONS - PAGE ONE

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<b>Model</b>	<b>FACA-401</b>
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)
Throughput	400 tests/h or 600 tests/h with ISE
Sample Position	88 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
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
Weight	137Kg

**LABOMED**

921 S La Cienega Blvd. Suite A, Culver City, CA 90232 U.S.A  
TEL (310)202-0814 FAX (310)202-7286

www.labomed.com  
Email: spectro@labomed.com



**FACA-401**

FULLY AUTOMATIC CHEMISTRY ANALYZER



• CE • ISO9001:2000