



## **DS** Fully Automatic Chemistry Analyzer



● CE ● ISO9001:2008 ● ISO13485:2003 ●

## Technical Specifications

Model		DS401	DS301	DS261	DS161
Operation		Random access			
Reading System		Direct reading system			
Method		End point, Kinetic, Fixed time, Immunoturbidimetric, 1-2 reagent, Multistandard, reagent/serum blank, etc.			
Assay Item		80 assay items	40 assay items		36 assay items
		ISE mould (Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> / Li <sup>+</sup> ) available on request			
Throughput	1 Reagent	400 test/h	300 test/h (max)	257 test/h(max)	220 test/h(max)
	2 Reagent	400 test/h	240 test/h	150 test/h	160 test/h(max)
	With ISE	400 test/h	+150 test/h	+150 test/h	+100 test/h
Sample Position		80	60	60	50
		Including standard, control and stat; either serum cup or primary tube available			
Sample Volume		1~100ul, 0.1 ul / step			
Reagent Position		2 x 40	40 ,or 80 (optional)		36
Reagent Volume		R1:1~400ul, 1 ul / step, R2:1~400ul, 1 ul / step			
Reagent / Sample Probe		With liquid level sensor, collision sensor, teflon coating and automatic washing station			
Reaction Time		0~999 seconds			
Cuvette		High quality uv-transmitted plastic cuvette. Quartz glass cuvettes on request			
Washing		8 channels automatic washing system for reaction cuvettes			5 channels automatic washing system for reaction cuvettes
		Independent washing station for each sample/reagent probe and mixer			
Alarm		Automatic alarm for malfunction (eg: collision, reagent / sample insufficiency, full waste container, etc)			
Calibration		Linear, Non-linear, Multi standard, 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, etc			
Language		English, French, Spanish, German, Russian, etc			
System		Windows XP or Vista ; Windows 7			
Power Supply		220V / 50Hz, or 110V / 60Hz(optional)			
Dimension		100×85×70(cm)	85×72×53(cm)	85×72×53(cm)	65×53×52(cm)
Weight		137Kg	90Kg	85Kg	45Kg