



• CE • ISO9001:2008 • ISO13485:2003



D280
D320

**FULLY AUTOMATIC
CHEMISTRY ANALYZER**



Features:

- Random access and direct reading system.
- Liquid level detection and collision protection for sample/reagent probe.
- Automatic washing system for sample/reagent probe.
- Reliable cooling system for reagent chamber.
- Powerful reaction cuvette washing system.
- Automatic cuvette washing system.
- Complete self-checking and alarm function.
- User-friendly interface with different language versions.
- Barcode scanner(optional).

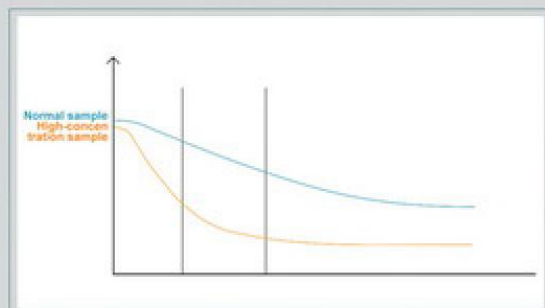


User—friendly Software



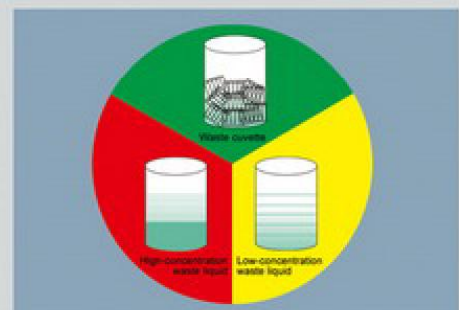
Carry over control function

“Super Kinetic” Method



Variable reading function

Environment Protection Design



The waste is automatically classified and collected into different containers.



1 Sample probe/Reagent probe

With liquid level sensor, collision sensor.

3 Reaction Cuvette

High quality UV-transmitted plastic cuvette, or quartz glass cuvette(optional).

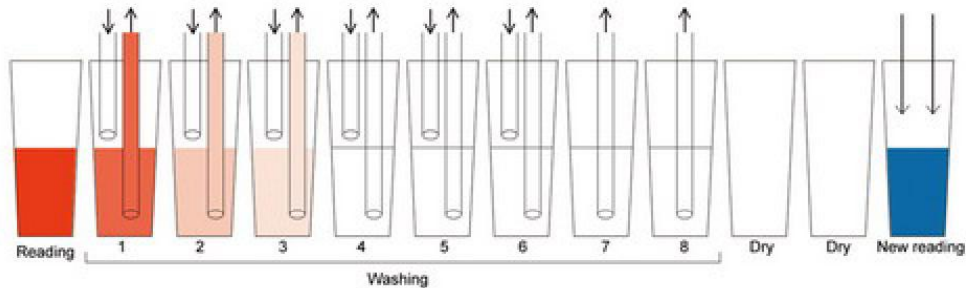
2 Reagent/Sample Tray

40 reagent positions(80 positions on request)
60 sample positions including standard, control and stat; either serum cup or primary tube available.

4 Cuvette Washing Station

8 channels automatic washing system.

Automatic cuvette washing and blank reading



Wavelength	Reading	Wash1	Wash2	Wash3	Wash4	Wash5	Wash6	Wash7	Wash8	Dry	Dry	New reading
340nm	1.3100	0.025	0.0092	0.0037	0.0022	0.0008	0.0006	0.0005	0.0002	0.0800	0.0850	/
405nm	0.6820	0.0112	0.0075	0.0033	0.0019	0.0010	0.0005	0.0003	0.0002	0.0800	0.0805	/
...	/

Test O.D. value-Blank O.D. value=True O.D. value

TECHNICAL SPECIFICATIONS

Model	D320	D280
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	40(80) assay items	
Throughput	320 tests/h	280 tests/h
Sample Position	60 positions including standard, control and stat; either serum cup or primary tube available.	
Sample Volume	1~100ul, 0.1ul/step	
Reagent Position	40 positions, or 80 positions(optional)	
Reagent Volume	1μl~500μl, 0.1μl/step	
Reagent/Sample Probe	With liquid level sensor, collision sensor.	
Reaction Time	0~600 seconds	
Cuvette	High quality uv-transmitted plastic cuvette, or quartz glass cuvettes on request.	
Washing	8 channels automatic washing system for cuvettes; washing station for each sample/reagent probe and mixer.	
Alarm	Automatic alarm for malfunction (eg: collision, reagent and distilled water insufficiency, waste container full, etc)	
Calibration	Linear, Non-linear, Multi point, K factor	
Sample Dilution/Retest	Sample can be diluted and retested if results are out of range.	
Wavelength	340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 620nm, 670nm(standard); 330nm, 380nm, 492nm, 510nm, 600nm, 630nm, 650nm, 660nm, 700nm, 750nm, 800nm, 810nm, (optional two filters)	
Light Source	Halogen lamp	
Absorbance Resolution	0.0001A	
Absorbance Accuracy	0A~0.5A, ±0.02A; 0.5A~1.0A, ±0.04A; 1.0A~1.5A, ±0.06A.	
Repeatability(CV%)	ALT≤3%, UREA≤2.5%, TP≤1.5%	
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	
Power Supply	200V/50Hz, or 110V/60Hz(optional)	
Dimension	85cm×72cm×53cm	85cm×72cm×53cm
Weight	90kg	90kg