

www.zygon.ca

CHEMISTRY ANALYZER

info@zygon.ca



Fully Automatic Chemistry Analyzer



Key Features



Constant 120 test / hour with double reagent. 80 reagent positions

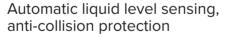


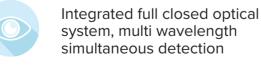
Maintenance free semiconductor solid state refrigeration



Friendly surface and easy to operation









New amorphous optical plastics reaction cups, perfect transmittance



Multifunctional Precision Sampling Probe

- •



Excellent Mixer Design



XELS

Reagent & Sample Tray

- 80 reagent positions (40 for RI, 40 for R2)

- Bar code reader (Optional)

Advanced Operating System

- automatic checking, warning alarm log





• External & internal mirror polish, external & internal probe washing Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals · Collision protection, automatic probe depth adjusting

• Teflon coating mixer. No water dropping (reducing carry-over) Excellent mixing effect with standard mixing procedure

40 sample positions, micro cup & test tube can be used • Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C

• User friendly software interface simple, easy-to-operation • Sample automatic dilution (decrease, increase, normal) Reaction result automatic checking and warning, calibration result Linear & nonlinear calibration, Multi-points calibration up to 8 points • Quality control apply to westgard, L-T plot, cumulative

Fully Automatic Chemistry Analyzer



Reaction Tray

- 50 disposable cuvettes
- Reaction volume as low as 150 μl
- Stable & accurate temperature (37±0.1 °C) for reaction



High Precision Ceramic Syringe

- Permanent ceramic piston
- Accurate dispensing as low as $0.1\,\mu l$

C	······································	
Spe	ecifications	

General Information	Machine type	Random access, open reagent & locked reagent (optional)
	Test speed	Constant 120 tests/hour (Mono reagent or double reagent)
	Test principle	Colorimetric, turbidimetry
	Test method	1 point end, 2 point end, Fixed-Time, Kinetics
	Calibration type	Linear & nonlinear
Sample Unit	Sample tray	40 sample positions
	Sample tube	Micro cup & test tube & blood collection tube can be used. (2 -13)mm × (25-100)mm
	Sample volume	2-30µl step by 0.1µl
	Sample probe	Liquid surface detection, timely tracking for liquid volume. Collision avoidance
	Probe cleaning	Automatic washing for both interior and exterior, carry-over < 0.05%
	Sample barcode	Sample barcode reader (optional)

Specifications

Reagent Unit	Reagent tray	80 i coo ope
	Reagent volume	20-
	Reagent needle	Liqu Coll
	Probe cleaning	Aut
	Regent barcode	Reg
Reaction Unit	Reaction tray	50 read
	Reaction volume	150
	Reaction time	10 n
	Temperature	Pelt
Mixing System	Mixer	Pad afte
Optical System	Light source	Hal
	Wavelength	340 630
	Absorbance range	0-4
	Resolution	0.0
Operating System	Operation system	Win
	Report printing	6 fo
	Interface	TCF
Working Conditions	Electricity	AC
	Water consumption	2.51
	Dimension(L*W*H)	750
	Net weight	45.4
	Language	All I



) reagent positions (40 for R1 & 40 for R2), Non-stop poling system with peltier pad inside, 24 hours 2°C-14°C, pen system, could accept any reagent.

)-300μl, step by I μl

quid surface detection, timely tracking for liquid volume. ollision avoidance.

tomatic washing for both interior and exterior, carry-over <0.05%

egent barcode reader (optional)

) reaction cuvettes, new amorphous optical plastics action cups, perfect transmittance.

0 μΙ-330 μΙ

minutes

eltier pad incubation system, reaction temperature (37°C ±0.1 °C)

addle-type mixing, surface teflon treatment, wash before and ter mixing, effective reducing of carry-over

alogen lamp

40nm; 405nm; 450nm; 505nm; 546nm; 578nm; 30nm; 700nm (4 more options)

4.0 Abs

0001 Abs

indows XP, Windows 7, Windows 8, Windows 10

formats optional, surpport custom pattern

CP/IP network interface

C 110/220V ± 10%, 50/60 Hz

5L/hour (maximum)

0mm × 550mm × 475mm

5.4kg

l languages customizable