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ZellECHEM₂₀₀

Fully Auto Biochemistry Analyser



SAFE



SIMPLE



QUALITY



ZellECHEM 200

Fully Auto Biochemistry Analyzer

FULLY AUTOMATIC BIOCHEMISTRY ANALYZER

Built for Better Chemistry.

ZellChem 200 is a fully automatic, random-access clinical chemistry analyzer with STAT priority — colorimetric, turbidimetric and optional ISE methods across a broad assay menu, at up to 400 tests per hour.

HOW IT WORKS

A 2000-hour halogen source feeds an 8-wavelength optical system (340–700 nm) reading 48 recyclable cuvettes at $37 \pm 0.1^\circ\text{C}$. A single precision probe with liquid-level detection and anti-collision serves 40 sample and 80 reagent positions, running endpoint, fixed-time and kinetic methods.

AT A GLANCE

● 200/hr

Tests · 400 w/ISE

● HbA1c

Intelligent-Sampling

● 15'

Touchscreen

● 40+80

Sample + reagent

● STAT

Random access

KEY FEATURES

- › Reagents via barcode
- › Random access with STAT priority insertion
- › Colorimetric, turbidimetric & ISE (optional)
- › Precision probe: level detect, anti-collision
- › Teflon-coated mixer, low carry-over
- › Auto dilution & retest; 24 h reagent cooling
- › HbA1c whole-blood Intelligent-Sampling
- › Westgard / Levey–Jennings QC; 8-pt calibration

SPECIFICATIONS

Throughput: 200/hr · 400 with ISE
Methods: Colorimetric · turbidimetric · ISE
Optical: 8 wavelengths, 340–700 nm
Cuvettes: 48 · 70–315 μL · $37 \pm 0.1^\circ\text{C}$
Sample: 1.5–45 μL · ISE 70/140 μL
Power: 100–240 V, 50/60 Hz · 500 VA
Dimensions: 750 × 565 × 507 mm · 60 kg

ASSAY MENU

PANEL	ASSAYS
Liver function	ALT, AST, ALP, GGT, TBIL, DBIL, TP, ALB, ADA, TBA, PA, LAP, CHE
Renal function	UREA, CREA-E, UA, Cys-C, RBP, UMA, B2M, α -AMY
Blood lipid	TG, CHO, LDL-C, HDL-C, ApoA-I, ApoB, Lp(a), NEFA
Blood sugar	GLU-H, HbA1c, FMN
Electrolytes & gas	Ca, CO ₂ , Mg, Fe, P
Special protein	ASO, RF, CRP, hs-CRP, IgA, IgG, IgM
Cardiac enzymes	CK, CK-MB, LDH, α -HBDH, HCY

Sterile Safequip & Chemicals Ltd.

Address 1493 Burberry Ln, Schaumburg, IL 60173, USA

Email sales@ssqllc.com

Phone Number +1 847-254-0818 · +1 847-284-9939

Manufactured at Plot 31, Panchratna Industrial Estate, Pirana Gate, Off S.P. Ring Rd, Ahmedabad 382425, India · +91 99786 55778

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