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ZellECHEM[®]

Semi Auto Biochemistry Analyser



SAFE



SIMPLE



QUALITY



RoHS
compliant



ISO
13485:2015



CE

ZellECHEM®

Semi-Automated Chemistry Analyser

SEMI-AUTOMATED CHEMISTRY ANALYSER

Built for Better Chemistry.

ZellECHEM is a compact benchtop chemistry analyser — covering routine blood work, liver and renal function, glucose, lipids, cardiac enzymes, immunoglobulins and electrolytes — with inbuilt incubation and printer.

HOW IT WORKS

A 6 V/10 W halogen source and an 6+2-position filter wheel feed a photodiode detector for endpoint, kinetic, fixed-time and bichromatic absorbance reads. A peristaltic pump aspirates 200–1000 μ L through an 18/32 μ L flowcell, with Peltier temperature control (25–37 °C) and three-level QC on Levey–Jennings plots.

AT A GLANCE

● 6+2-pos

Filter wheel

● Software

Update Via Wifi

● 9,999

Result memory

● 18/32

μ L flowcell

● 3-level

L–J plot

KEY FEATURES

- › Endpoint, kinetic, fixed-time & bichromatic
- › 6+2-position filter wheel, photodiode detector
- › Inbuilt incubation & thermal printer
- › Peristaltic aspiration, 200–1000 μ L
- › 3-level QC with Levey–Jennings plot
- › 7 in. touch screen, USB mouse/keyboard
- › LIS connectivity (RS-232, HL7)
- › Large Memory
- › 100 test programs

SPECIFICATIONS

Methods: Endpoint, kinetic, fixed-time, bichromatic
Calibration: 1-/2-pt linear & multi-standard
Wavelengths: 340/405/505/546/578/630 nm + 2 opt.
Light source: 6 V/10 W halogen (320–1000 nm)
Photometric: 0.000–3.000 Abs (<0.005 Abs/hr)
Reaction temp.: Peltier, 25–37 °C
Ambient temp.: 15–37 °C (± 2 °C/h)
Relative humidity: 35–80% RH, non-condensing
Power: 110–230 V AC, 50/60 Hz
Weight: 5 kg

PRODUCT CODES

	PRODUCT	CODE
Analyzers	ZellECHEM PRO (300×350×130 mm)	ZCH01
	ZellECHEM SR (370×280×210 mm)	ZCH02
Accessories	ZellECHEM Printer	ZCPRT
	Printer Paper Roll	ZPRL

RoHS

ISO 13485:2016

USFDA Registered

CDSCO

CE

IEC 61010-1:2010/AMD 1:2016

IEC 61010-1:2010

IEC 61010-2-101:2018

IEC 61326-1:2020

IEC 61326-2-6:2020

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