

# ZellECHEM®



## SEMI AUTOMATED BIOCHEMISTRY ANALYZER

Your trusted partner in delivering unparalleled precision  
and reliability in every test.





## ZellECHEM - Semi Automated Biochemistry Analyzer - Technical Specifications

<b>Principle</b>	Colorimetry, Photometry & Absorbance
<b>Analysis methods</b>	End Point, Kinetic, Fixed Time (2 Point Kinetic), Bichromatic & Absorbance
<b>Measuring module</b>	Flow Cell - 18 µL / 32 µL
<b>Wave lengths (Filters)</b>	340nm, 405nm, 505nm, 546nm, 578nm & 630nm, 2 Extra spaces for optional filters
<b>Light source</b>	12 V / 20 W Halogen lamp (320nm - 1000nm)
<b>Photometric range</b>	0.000 - 3.000 Abs
<b>Stability</b>	< 0.005 Abs / Hour
<b>Memory</b>	100 Programs, more than 10,000 results storage along with graphs
<b>Calibration</b>	1 - Point Linear / Factor, 2 - Point Linear, Multi-Standard - Linear & Non-Linear / Line Graph
<b>Quality control</b>	2 Level QC program with L - J graph
<b>Temperature control</b>	25°C - 37°C Through peltier element
<b>Display</b>	7" Color LCD touch screen
<b>Patient ID</b>	Alpha numeric up to 16 digits manual & through USB barcode scanner
<b>Result recall</b>	Available
<b>Printer</b>	Thermal printer
<b>Interface</b>	Via RS-232, HL7 Protocol
<b>Dimension</b>	330 mm (L) X 394 mm (W) X 152 mm (H)
<b>Weight</b>	5.4 kg
<b>Power requirement</b>	110 V-230 V AC, 50 Hz / 60 Hz
<b>Operational environment</b>	15°C - 30°C, 35% - 80% Relative humidity without condensation
<b>Standards &amp; Regulations</b>	ISO 13485, US FDA registered, CDSCO registered, CE certified, 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

<b>Product Codes</b>	<b>ZCH02</b>	
	ZellECHEM PRO	
<b>Product Codes</b>	<b>ZCPRT</b>	<b>ZPRL</b>
	THERMAL PRINTER	PRINTER PAPER ROLL

Exclusively marketed in India by:



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