

CHEM-7

Semi-automated Clinical Chemistry Analyzer
A perfect solution for small workload laboratories



**Accurate
Results**

Achieve highest
accuracy first time,
every time



**Cost
Saving**

Minimize reagent
consumption and
waste



**User
friendly**

Ease of operations

Making Automation Affordable
for labs Everywhere

Chem 7 with extensive clinical chemistry test menu, user friendly software, high accuracy and precision, economic operations and minimal requirement of service support, Chem 7 is now choice of every start up lab as a main unit as well as established laboratory as a Back-up unit.

Key Benefits



Flexibility and versatility

- Performs all routine as well as specialised chemistries
- 222 open user-defined test programs and 5000 result memory
- Assay modes : 1 point linear, 2 point linear, 1 point non linear, 2 point non-linear, rate A linear, rate A non-linear, 1 point sample blank linear, 1-point sample blank non-linear, Absorbance and Coagulation
- Multipoint calibration up to 10 standards with graphical display
- Online display of reaction curve
- 3 level QC with Levey-Jennings graph



High accuracy and precision

- Tripple cuvette system : Flow cell volume - 18 μ l, 10 mm square cuvette and round glass tube with adaptor for coagulation
- Peltier temperature control: 20°C-40°C in steps of 1°C
- Air purge between samples to reduce carryover
- Peristaltic pump Aspiration System with calibration facility
- Dustproof static photometer with 8 wavelengths: 340, 405, 450, 505, 546, 578, 630 and 670 nm ensures precise reading every time.
- Photometric range from 0 to 3.0 OD with 0.0001 Abs. resolution



Economical in all aspects

- Repeat measurement by read key
- Aspiration volume from 100 μ l to 2997 μ l
- Lamp saving feature
- Sturdy hardware requires less servicing
- 3 replicates for standard and sample



Smart functions

- Large graphical display with 56 Direct access key board
- Inbuilt Thermal Printer
- Help Key for online help on erroneous entry
- Five fixed calculation items
- Direct PC and Printer connectivity through USB port
- Connectivity to external Incubator

Ordering Information

Product Code	Product
108945	CHEM 7