



**EMPOWER  
YOUR  
LABORATORY**

---

# TurboChem100

Automated Random Access Analyser



Speed

Reliability

Economy

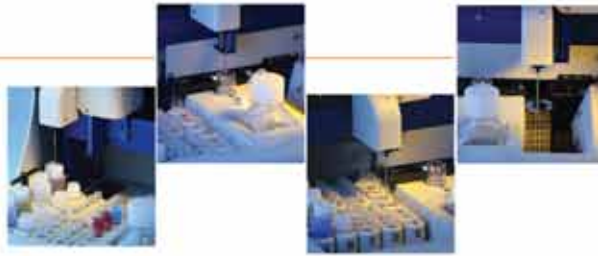
Wide Menu

- Performs up to 100 Tests Per Hour
- Tests Emergency Sample at any Time
- Eliminates Manual Error
- Easy QC Data Management
- Low Reagent Consumption
- Performs wide range of **Biochemistry** and **Immuno Turbidimetry** Assays

Product of Awareness Technology, USA. Backed by 30 Years of manufacturing expertise Brought to you by CPC, trusted by more than 3500 users for its after sales support

**TurboChem100**

COMPACT SLEEK VERSATILE



## Power of Reliability

- High Precision Aspiration, Dispensing & Mixing
- Automatic Probe rinse prevents Carry over
- Probe Crash Prevention minimizes Breakdown
- Liquid level sensing detects Reagent & Sample levels
- Long lasting IAD (Ion Assisted Deposition) filters
- GaAsP (Gallium Arsenide Phosphide) photo diode for greater sensitivity



## Quality Management

- 3 level multiple QC with Levey Jennings graph
- On board Cooling guarantees Reagent stability
- Cuvette check facility ensures usage of optically perfect cuvettes

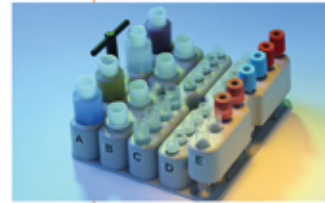


CPC -1st to offer 5 years warranty on filters

**TurboChem100**

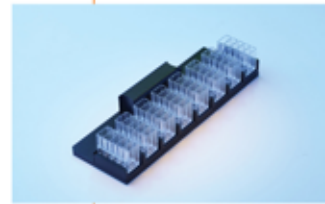
### Power of Flexibility

- Interchangeable Reagent and Sample positions
- Designed to Load Reagent Bottles of different sizes
- Primary Tube loading facility
- Continuous loading with STAT facility



### Power of Saving

- Reagent as low as 200ul with just 2ul sample
- Reusable Cuvettes
- Low water consumption



### Power of Intelligent software

- User friendly and easy to operate
- Self-check at startup
- Ability to store and edit Multi Point Curves
- Easy integration to LIS

Packaged with  
Computer &  
Genuine Windows OS

## TurboChem 100 Performs Wide Variety of Assays

### Biochemistry

More than 45 Assays  
including Diabetic Profile,  
Renal Profile, Lipid Profile,  
Cardiac Profile,  
Liver Function Tests,  
Enzymes, Minerals,...

### Immuno Turbidimetry

More than 22 Assays  
including RF, ASO, CRP, HsCRP,  
Microalbumin, HbA1c, Lp(a)  
Immunoglobulins,  
Apo Lipo Proteins,  
HDL-Dir, LDL-Dir,...

## Power of Remote Management

- Reduces Breakdown time
- Cuts revenue loss
- On-line Condition Monitoring
- Real-Time Fault detection
- Interactive Trouble shooting
- On-line Application support



CPC - 1st to offer dynamic remote maintenance facility

## Specifications

### Fully Automated Random Access Chemistry Analyser


Typical Throughput	: 100 tests/hour
Minimum Reaction Volume	: 200ul
Minimum Sample Volume	: 2ul
Photometric Range	: 340nm, 405nm, 505nm, 545nm, 580nm, 630nm and 2 open slots for additional filters
Linear Range	: -0.2 to 3.0 A
Dilutions	: Automatic Pre and Post dilution
Precision of Volume	: <5ul = <3% CV , >5ul = <2% CV
Data Management System	: External PC with Windows software
Dimensions	: 53cmX40cmX50cm (WXHxD)
Weight	: 15 Kg



Designed and Manufactured by



Palm City, Florida, USA  
[www.awaretech.com](http://www.awaretech.com)

 certified under ISO 13485:2003  
FDA registered Medical Devices Manufacturer

Marketed by



**DIAGNOSTICS PVT. LTD**

# 9, 5 th Floor, Gokul Tower,  
9&10 C.P. Ramaswamy Road,  
Alwarpet, Chennai, India - 600 018,  
Phone: +91- 44 - 24993989  
Fax: +91 - 44 - 24993357  
[www.cpcdiagnostics.in](http://www.cpcdiagnostics.in)  
[sales@cpcdiagnostics.in](mailto:sales@cpcdiagnostics.in)