



*Experience
Automation*

**Small and
Smart**

FALCON

mini

Fully Automated Random Access Chemistry Analyzer

Technical Specifications

System Parameters	<ul style="list-style-type: none">- Fully Automated, Discrete, Random Access with STAT facility- Up to 26 Chemistries at a time with single or double reagents- Speed : 200 tests/hour- Method : end-point, kinetic, two-point, Multi-point, Immunoturbidometry, DOA, Linear, Non Linear / Mono and Bichromatic reading- Memory : Up to 200,000 patients' data
Sample & Reagents	<ul style="list-style-type: none">- 18 sample positions for primary tubes, sample vials & pediatric cups with continuous loading facility.- Sample volume from 1 to 50 ul with 0.1 ul increment- 26 refrigerated reagent positions with reagent volume from 10 to 400 ul with 1 ul increment.- Automatic liquid level sensing probe with anti crash mechanism- 2 Probes for Reagent / Sample dispensing and mixing.- Facility for STAT / emergency samples and control at any position.- Automatic retest of samples with values out of linear range.- Flags error message if sample & reagent are not sufficient
Reaction Module	<ul style="list-style-type: none">- 60 reusable reaction cuvettes made of high quality material- Facility to replace individual cuvette- Facility for online monitoring of reaction curve for each test parameter- Minimum read volume 180 µl
Optical System	<ul style="list-style-type: none">- Rear Spectrophotometry connected with fibre optics for better precision- 9 Wavelengths from 300-700 nm with precision of ±2 NM- Tungsten Halogen lamp with long life- Absorbance Range from 0.000 to 3.500 OD
Quality Control	<ul style="list-style-type: none">- Levy Jennings graph- Daily & monthly QC chart- Upto 30 different controls can be stored- QC statistics for mean, SD & CV %
Washing System	<ul style="list-style-type: none">- Multiple step automatic washing and drying of cuvettes- Water Consumption : approx. 2 ltr. / hour
Operation	<ul style="list-style-type: none">- Windows XP, Windows 7 or Windows 2000
Others	<ul style="list-style-type: none">- Power Supply: ~100-240V, 50/60Hz, 1KAV- Temperature : 10-45°C- Humidity : ≤90%, no dew- Input: RS-232 interface / keyboard / computer- Output : multi-format printout- Dimension : 540 (W) *420(D) *320(H) mm- Net Weight : 23 kgs

Specifications and Design subject to change without notice due to continuous development

Marketed by :



ARK Diagnostic System Pvt. Ltd.

A-11, Giriraj Estate, Mahakali Caves Road,
Andheri (East), Mumbai - 400 093.

T : +91 22 26874747, 2687 8781, 2687 8782 • F : 2687 8783
E : info@ARKDiagnoSys.com • W : www.ARKDiagnoSys.com

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