



Clinical Chemistry

*Critical Care
Haemostasis
Information Systems*



The new Laboratory star



**Instrumentation
Laboratory**

ILab Aries. Simplicity and performance

Continuous Loading

A combination of up to 68 Cups and different size tubes are easily accommodated without the use of adapters. **Dedicated racks** allow continuous loading without compromising routine workflow. Bar-code availability, covering all positions, reduces the risk of sample identification errors.



Practicality

Up to 56 reagents can be loaded simultaneously in 4 racks. Refrigerated storage ensures optimum on-board reagent stability. Bar-coded reagent tracking checks location and provides a real time inventory. **Reagents kits are compatible with the complete family of ILab analysers.**



Advantage

The Aries maximizes your workflow by allowing the addition of samples without interruption thus minimizing initialization time.

Advantage

The Aries allows you to consolidate a wide range of tests. The on-board real time inventory will allow you to manage your reagents easily and provide a comprehensive audit trail of all lot numbers used.

Reagents and sample racks

The flexible and safe solution to enhance your system productivity.



Economy and Performance

The ILab Aries **washes the cuvettes** with acid and alkaline detergents and only 1.4L/h of water. The on-board reservoir removes the need for the Aries to be plumbed into a deionizer. The 80 semi-disposable cuvettes, with a minimum **reaction volume of 200 μ L**, can be easily replaced by the user when required.



Economic advantages include:

- Low reaction volume
- Deionizer not required
- Reduction in user maintenance time. Enhanced SW and on-board detergents eliminate any possible carryover.



IL solutions in Clinical Chemistry

ILab 300Plus



ILab Aries



ILab 650



ILab Taurus



ILab Taurus Twin



ILab Aries Technical Specifications

Tests on board	Up to 56 + 3 ISE
Test Menu	Open System, over 200 Photometric + ISE
Throughput	Up to 280 photometric tests/hour + up to 160 ISE tests/hour
Measuring Methods	End Point, Fixed Time, Kinetic
Carry-over management	Yes. Sampling order, special wash with Alk. & Ac. solutions
Sample Loading	Rack: 68 routine positions for samples, Cal&QC
Sample containers	Universal: Cup, Primary tubes (diam. 12 - 16, height 50 - 100 mm)
Sample volume	From 2 to 99 µL (step 0.25 µL)
Reagent dispensing system	Direct System, 1 to 3 reagents/test
Reagents on Board	56 refrigerated positions (+ 1 ISE);
Reagent Volume	From 2 to 350 µL (step 1 µL)
Reaction cuvette	80 semi disposable optical cuvettes, system laundry
Reaction cuvette volume	min. 200 µL max. 450 µL
Wavelengths	9, range 340 to 690 nm.
Host Interface	Bi-directional RS-232; host query or batch mode
Reagent Bar-code reader	Yes

Installation Requirements

Power	100-230 VAC, 47-63 Hz, 350 W
Temperature / Relative Humidity	18-30 °C , 20-85 % RH non condensing
Dimensions and weight	110 cm width, 65 cm depth, 50 cm height , 50 Kg
Operative System / Printer	Windows XP Professional / Laser printer
DI Water Consumption	1.4 L/h. No need of DI-system

Options

Sample Bar-code reader, ISE module (Na, K, Cl)

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