



Thermo Scientific Indiko
Clinical and specialty chemistry system

*Fully automated, bench-top
random access analyzer*



Thermo Scientific Indiko, a new system for clinical and specialty testing.

Thermo Scientific Indiko is an easy to use, cost-effective system designed for load up and walk-away convenience. Intuitive user interface and many automated features help to manage the daily workload fluently. Self-contained Indiko with its small footprint fits ideally to a laboratory with space limitations.

Fully automated to accelerate analysis.

True walk-away analysis

Indiko together with bar-coded, ready to use Thermo Scientific system reagents is a reliable combination providing ease-of-use and flexibility to routine clinical chemistry analysis and specialty testing, like pain management, toxicology and drug monitoring. Once loaded, the analyzer provides true walk-away time for the operator. Patient oriented testing produces results quickly thus enhancing the quality of patient care.

- *Different sample types can be analyzed at the same time.*
- *Dilutions and re-analysis, when necessary, are handled fully automatically.*
- *Real-time QC program with multiple Westgard rules.*

Flexible, easy operation

A mix of sample cups and bar-coded primary tubes may be used at any time, increasing the flexibility of operation. The self-guiding user interface is easy to learn and makes information management streamlined. Indiko offers various reporting options, and advanced result inventory management. Automatic start-up protocol and minimal daily maintenance maximizes analyzer uptime.

- *Loadable application data and calibrator and control values from a two-dimensional barcode or from a file.*
- *Real-time monitoring of reagent usage, lot follow-up.*
- *Bi-directional LIS interface.*

Indiko's compact design occupies only a small footprint.



Economical measurement.

The unique, low-volume cuvette technology is the basis of Indiko's cost effectiveness. Very low volumes of reagent is required for any test, a complete reaction volume being of only 120 to 300 µl. Each cuvette cell is used only once to ensure accurate and precise results.

Thermo Scientific Indiko

Capacity of up to 200 tests / hour with one-reagent methods.

Combined sample and reagent disk with 9-position sample racks and 6-position reagent racks.

Continuous access to samples, reagents and cuvettes without interrupting the testing process.

Up to 2 hours walk-away time.

Water consumption 1.5 litre / hour, no need for external water or drainage connections.

Dimensions of the analyzer - width 75 cm (29.5 inch), depth 70 cm (27.6 inch), height 62 cm (24.4 inch), height with the open cover 130 cm (51 inch).

Thermo Scientific Indiko application areas:

Enzymes

Substrates

Electrolytes

Specific Proteins

Drugs of Abuse analysis

Immunosuppressive Drug analysis

Therapeutic Drug Monitoring



Cuvette loader for 36 cuvettes with 10 reaction cells, 360 cuvette cells.



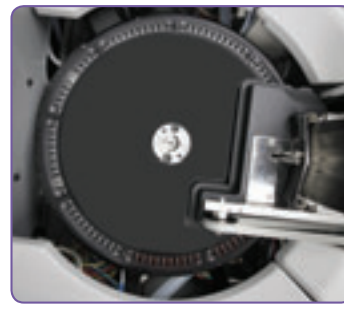
Optional ISE unit with indirect measurement method for Na⁺, K⁺ and Cl⁻.



Combined sample and reagent disk for max 6 racks.



Effective mixer to stir test liquids.



Temperature controlled incubator for 90 cuvette cells.

A flexible sample and reagent management allows for continuous access.



Intuitive user interface is supported by a touch screen.



"The unique, novel low-volume cuvette design of Indiko allows for less reagent usage reducing operating costs remarkably, especially important when working with specialty tests."



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In the USA the Thermo Scientific Indiko will be available for in vitro diagnostic use in 2011.

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