



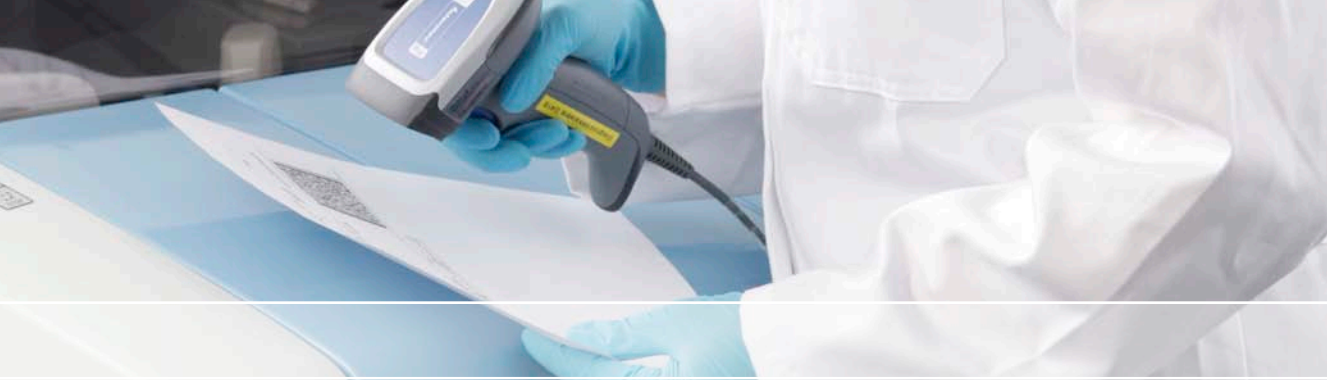
**Thermo Scientific Indiko and Indiko Plus**  
Clinical and specialty chemistry systems

# Compact system solutions

with uncompromised level of performance

Clinical Chemistry Testing • Specific Protein Analysis •  
Drugs of Abuse Analysis • Therapeutic Drug Monitoring •  
Immunosuppressant Drug Testing

**Thermo**  
SCIENTIFIC



Thermo Scientific™ Indiko™ series, Indiko and Indiko Plus, are fully automated random access bench-top systems for clinical and specialty chemistry testing. Analyzer, system reagents and consumables form a fully supported system solution offering ease of use and automation to daily work of small and medium laboratory settings.

## Ease-of-use

### in daily routine

Analysis of several different tests from the same sample and from different sample types guarantees efficiency in testing. Various automated features simplify the analysis and once loaded, Indiko and Indiko Plus provide true operational reliability and walk-away convenience.

- Automatic daily start-up procedures.
- Any mix of sample cups and bar-coded primary tubes can be loaded at the same time.
- Disposable cuvettes allow user-safe and contamination free analysis.
- Versatile, automated dilution features make sample processing easier.
- Reflex testing capability offers savings in operator time triggering automatically the specific test to be run.
- Measurement reliability can be monitored with a real-time QC program.
- The reagent usage and expiry date are automatically monitored in real-time.
- Automatic upload of calibrator and control values save time and reduce manual errors.
- Results archiving associated with calibration and reagent lot data secure full traceability.
- Bi-directional LIS connection.







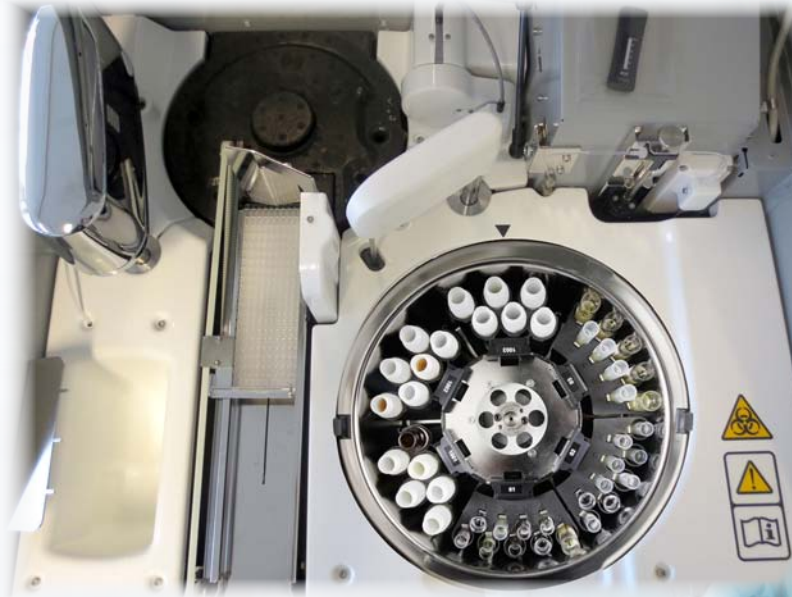
# Operational excellence

with Indiko and Indiko Plus

- Sample oriented analysis
- Fully validated and supported application protocols providing traceable results
- Optimized, ready-to-go system reagents
- IVD compliant, automated, cost-effective solution
- Minimal daily maintenance, maximized analyzer uptime

# Simplicity

in sample and reagent management



Indiko includes combined sample and reagent disk for max 6 racks.



6-positions reagent rack used in Indiko



Indiko Plus has a sample disk for 54 samples : 9-pos. sample racks, max 6 racks.

Reagent disk in Indiko Plus has positions for 42 reagents.



9-positions sample rack used both in Indiko and Indiko Plus





Cuvette loader for 360 cells. Low-volume reaction cuvette uses less reagent and water for lower environmental impact.



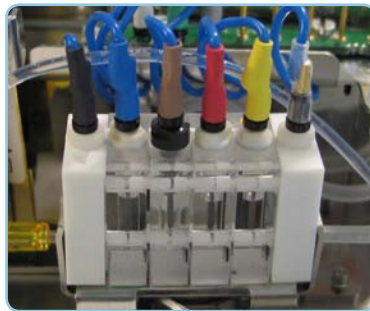
Effective mixer to stir reagents.



Temperature controlled incubator for 90 cuvette cells. Cuvettes are disposable, so there is no need for extra rinsing to prevent carry-over.



The analyzer is self-contained with no need for external water or drainage connections, which makes the analyzer quick and easy to install.



Optional ISE unit uses ion selective electrodes for Sodium, Potassium and Chloride measurements.



Intuitive user interface, supported either by a traditional or by a touch screen, helps to manage the daily workload fluently.

# Unique cuvette design

## reduces operating cost

The unique, low-volume cuvette technology is the basis of Indiko's cost effectiveness. Reagent volumes vary typically from 100 to 200  $\mu\text{l}$ , a complete reaction volume being of only 120 to 300  $\mu\text{l}$ . Each cuvette cell is used only once to ensure accurate and precise results.



# Complete assay solution

with Thermo Scientific system reagents

The extensive menu of clinical chemistry reagents, electrolytes, specific proteins, drugs of abuse, therapeutic drug monitoring and immunosuppressant drug assays in a single Indiko platform provides an excellent solution for patient monitoring. Getting results quickly without compromising quality enables doctors to make the critical decisions sooner.

Thermo Scientific Indiko and Indiko Plus reagents are ready-to-use, saving operator time and reducing errors. The unique low-volume cuvette design guarantees small reagent volumes, minimal amount of reagent waste, and thus low reagent costs. Volume optimized kit sizes and on-board stability minimizes the amount of waste further and increases cost-efficiency. Thermo Scientific methods are traceable to international reference methods and materials adding confidence in the accuracy and precision of patient results.







# High quality test results

for effective patient care

## Clinical chemistry\*

- Albumin
- Alkaline Phosphatase
- ALT
- Amylase
- AST
- Bicarbonate
- Bilirubin
- Calcium
- Cholesterol
- HDL- and LDL-Cholesterol
- CK
- CK-MB
- Creatinine
- Gamma-GT
- Glucose
- Iron
- LDH
- Magnesium
- Phosphorus
- Total Protein
- Triglycerides
- U/CSF Protein
- Urea
- Uric acid

## Specific Proteins\*

- Albumin in urine
- Antistreptolysin O
- Apolipoprotein A1
- Apolipoprotein B
- CRP
- HbA1c
- Immunoglobulin A
- Immunoglobulin G
- Immunoglobulin M
- Rheumatoid Factors
- Transferrin

## Electrolytes\*

- Chloride
- Sodium
- Potassium

## Specimen Validity Tests

- Creatinine
- General Oxidant-Detect
- Gravity-Detect
- pH
- Sample Check

## DATs

- Amphetamines
- Amphetamines / Ecstasy
- Barbiturate
- Benzodiazepine
- Buprenorphine
- Cannabinoid
- Cocaine
- Cotinine
- Ecstasy
- Ethyl Alcohol
- Ethyl Glucuronide\*
- Fentanyl\*
- Heroin Metabolite
- Hydrocodone\*\*
- Methadone
- Methadone Metabolite
- Opiate
- Oxycodone
- Phencyclidine
- Propoxyphene

## TDMs

- Amikacin
- Gentamicin
- Teicoplanin\*
- Tobramycin
- Vancomycin
- Lamotrigine
- Topiramate
- Zonisamide

## ISDs

- Cyclosporin
- Everolimus
- Tacrolimus
- Mycophenolic Acid

## Oral Fluid Assays\*\*

- Amphetamine
- Methamphetamine
- Cocaine
- Opiate
- PCP
- THC

\* Not available in the USA.

\*\*For the use in the USA only.

# Compact automation

enhancing the quality of patient care



|                                  | Thermo Scientific Indiko  | Thermo Scientific Indiko Plus   |
|----------------------------------|---|---|
| <b>Capacity</b>                  | Up to 200 photometric tests / hour and 120 ISE tests / hour   | Up to 350 photometric tests / hour and 135 ISE tests / hour   |
| <b>On-Board Sample Capacity</b>  | Max 45 with 5 x 9 pos. sample rack and 1 x 6 pos. reagent rack  | Max 54 with 6 x 9 pos. sample rack  |
| <b>On-Board Reagent Capacity</b> | Max 30 with 1 x 9 pos. sample rack and 5 x 6 pos. reagent rack  | Max 42 reagent positions  |
| <b>Walk-away time</b>            | Up to 2 hours   | Up to 3 hours   |
| <b>Water Consumption</b>         | 1.5 liter /hour   | 2.5 liters /hour  |
| <b>Dimensions &amp; Weight</b>   | 75 cm / 29,5 in (W), 70 cm / 27,6 in (D), 62 cm / 24,4 in (H), 130 cm / 51 in (H) with the cover open , 85 kg / 187 lbs                       | 94 cm / 37 in (W), 70 cm / 27,6 in (D), 62 cm / 24,4 in (H), 130 cm / 51 in (H) with the cover open, 110 kg / 242 lbs |
|                                  | Continuous access to samples, reagents and cuvettes without interrupting test processing.<br>Fully traceable results with archiving function. |   |

[thermoscientific.com/indiko](http://thermoscientific.com/indiko)

[thermoscientific.com/indikoplus](http://thermoscientific.com/indikoplus)

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