

**Thermo Scientific
Konelab PRIME 30 and 60
Analyzers**



Prime systems for an advanced
clinical laboratory environment

Operational efficiency and accurate results

The Thermo Scientific Konelab PRIME 30 and 60 clinical chemistry analyzers have new features and a new design which offer efficiency and accuracy in analysis as well as convenience in use. The Konelab PRIME analyzers help meet the evolving laboratory needs as stand-alone instruments or as part of a workcell. Their advanced features, like the clot detection and automated pretreatment, save time in sample processing, improve quality and help the laboratories to keep their costs down.

Cost-effective, safe operation

The Konelab analyzers are easy to use, flexible and cost-effective.

- 12-position low-volume multicell cuvette design makes the system economical to use.
- Continuous loading of samples, cuvettes and reagents facilitates laboratory workflow.
- Disposable cuvettes guarantee user-safe operation.

Advanced technology, new design

The Konelab PRIME 30 and 60 have all the proven features of the fully automated Konelab analyzers, plus new features that improve operational efficiency and result integrity. The PRIME analyzers with their integrated workstation and compact design suit perfectly for laboratories with limited space.

Versatile automated features

Automated features in the Konelab PRIME models reduce the risk of errors while saving operator time.

- Automated clot detection to secure result integrity.
- Automated pre- and post-dilution features.
- Real time monitoring of reagent volume and expiry date.
- Reflex testing capability to trigger a new specific test to be run.
- Automated sample pretreatment feature, e.g., in HbA1c measurement eliminates the manual hemolyzing step.





Wide test menu

The Konelab analyzers are designed for routine and speciality clinical chemistry testing.

- A steadily expanding selection of CE marked applications.
- The broad range of system tests can be complemented with user-definable applications.
- Ready for use, bar-coded system reagents for automatic identification.
- ISE unit: K^+ , Na^+ , Cl^- , also Li^+ and Ca^{2+} as optional extra.



Key for automation needs

The Konelab PRIME models are easy to integrate as one high-capacity workcell solution.

- Point-of-space interface to a sample track system.
- Automated load balancing for optimum throughput and flexibility.
- Human errors on sample registration, sorting and processing are minimized.
- Tracking and traceability from every process step.



The Konelab PRIME menu covers over 80 carefully validated methods:

- Enzymes
- Substrates
- Electrolytes
- Specific Proteins
- Drugs of Abuse Tests
- Therapeutic Drug Monitoring



Konelab PRIME 30

- Capacity of up to 300 tests per hour
- Continuous access to samples, reagents and cuvettes
- On-board capacity of 84 routine samples, 6 STAT samples
- 45 refrigerated reagent positions
- 600 cuvette storage positions
- Dimensions: 140 cm (w), 82 cm (d), 120 cm (h)
- Interface to a sample track system
- Automatic clot detection both in a normal sample and automation interface dispensers

Konelab PRIME 60

- Capacity of up to 600 tests per hour
- Continuous access to samples, reagents and cuvettes
- On-board capacity of 84 routine samples, 6 STAT samples
- 45 refrigerated reagent positions
- 2,100 cuvette storage positions
- Dimensions: 170 cm (w), 82 cm (d), 120 cm (h)
- Interface to a sample track system
- Automatic clot detection both in a normal sample and automation interface dispensers



Proven technology and experience

With over 35 years of experience in research, development and manufacturing of analyzer systems, the Konelab analyzer family meets customers' expanding needs in clinical chemistry, specific proteins, electrolyte and drugs of abuse testing, as well as therapeutic drug monitoring.

The highly qualified clinical chemistry and diagnostics professionals at Thermo Fisher Scientific are happy to provide advice, training and after sales support.

Other Konelab analyzers available

- Konelab 20 for routine testing in smaller laboratories
- Konelab 20XT for routine and special testing in smaller laboratories

All Thermo Scientific Konelab analyzer systems comply with the In Vitro Diagnostic Medical Devices Directive 98/79/EC (IVDMDD).

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