

**Thermo Scientific
Konelab PRIME 60
Analyzer**



**Prime system for an advanced
clinical laboratory environment**

Operational efficiency and accurate results

The Thermo Scientific Konelab PRIME 60 clinical chemistry analyzer has a new design which offers efficiency and accuracy in analysis as well as convenience in use. The Konelab PRIME 60 helps meet the evolving laboratory needs as a stand-alone instrument or as a part of a workcell.

State-of-the-art technology

The Konelab PRIME 60 has all the proven features of the fully automated Konelab analyzers, plus more. All Konelab analyzers are easy to use, flexible and cost-effective. They save time and money in busy healthcare laboratories.

The Konelab PRIME 60 analyzer has new features that improve operational efficiency and result integrity, such as sample clot detection and enhanced measurement reliability. The system performs up to 600 tests per hour. Continuous loading of samples, cuvettes and reagents facilitates laboratory workflow

and versatile, automated dilution features make sample processing easier.

The Konelab PRIME 60 is an ideal system for medium-sized laboratories as a stand-alone instrument or as part of a high-capacity workcell for routine and specialty testing. The broad range of system tests can be complemented with user-definable applications to create a test menu fulfilling the laboratory needs. A steadily expanding selection of CE marked applications is offered for convenient and precise analysis of patient samples.

Enhanced sample management with clot detection

The Konelab PRIME 60's clot detection uses pressure differential technology to improve the quality and process efficiency. With automatic clot detection it is possible to check sample integrity and reduce the risk of errors while saving operator time.

The Konelab PRIME 60 is designed for the current 12-position cuvette platform. High-quality disposable cuvettes together with optimized cuvette movements guarantee trouble-free and user-safe operation. The proven Thermo Scientific cuvette design ensures small reagent volumes making the system cost-effective.

The Konelab PRIME 60 – a prime choice for modern laboratories

- 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
- 39 fixed, cooled calibrator and control positions
- 45 refrigerated reagent positions
- 2,100 cuvette storage positions
- Interface to laboratory automation





New advanced design to facilitate routine work

The Konelab PRIME 60 analyzer with its integrated workstation, screen and keyboard is an ideal choice for laboratories with limited space. Its advanced compact design enables a working posture with less physical strain.

An integrated touch screen and mouse, in addition to an intuitive graphical user interface, make routine work and data management more convenient and faster.

Key for automation needs in modern laboratories

The Konelab PRIME 60 can be interfaced to a sample transport system using the KUSTI module, an excellent choice for larger

laboratories. The KUSTI dispenser automatically takes an aliquot from the primary tube releasing the sample tube on the tracking system. At the same time the Konelab PRIME 60 is able to process the requested tests autonomously.

The Konelab PRIME 60 is designed to serve as part of a workcell or fully automated, high-capacity laboratory pre-analytical automation system. The highly flexible Thermo Scientific automation solutions meet the needs of today's laboratories by automating the most time-consuming and labor-intensive tasks in sample management. Quality, consistency and safety of sample handling are improved by automated Thermo Scientific systems.

The Konelab PRIME 60 menu covers over 80 carefully validated methods

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



Proven technology and experience

With over 35 years of experience in research, development and manufacture 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 Konelab Analyzer systems comply with the In Vitro Diagnostic Medical Devices Directive 98/79/EC (IVDMDD).

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

Other highly developed Konelab clinical chemistry analyzers available

- Konelab 20 for routine testing in smaller laboratories
- Konelab 20XT for routine and special testing in smaller laboratories
- Konelab 30 for a wide range of system and user-definable tests



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