

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



Prime systems delivering  
**operational efficiency**

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# Confidence and quality in providing accurate results



Thermo Scientific Konelab PRIME 30 and 60 clinical chemistry analyzers help to meet the evolving laboratory needs by offering flexible automation and operational excellence. 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. The PRIME analyzers with their integrated workstation suit perfectly for laboratories with limited space.

## Cost-effective 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 accurate results with no need for extra washing steps.


## Versatile automated features

Various automated features, like automatic sample pre- and post-dilution, in the Konelab PRIME models reduce the risk of errors while saving operator time.

- Automated clot detection to secure result integrity.
- Real-time monitoring of reagent consumption and expiry date.
- Reflex testing capability.
- Automated sample pretreatment feature, e.g., in HbA1c measurement eliminates the manual hemolyzing step.

**Efficiency and accuracy in analysis, convenience in use.**





**The Konelab system reagent menu covers over 80 carefully validated methods:**

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

### Wide test menu

The Konelab analyzers are designed for routine and specialty 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.
- Optional ISE module:  $K^+$ ,  $Na^+$ ,  $Cl^-$ ,  $Li^+$  and  $Ca^{2+}$  can be included as optional extra.



The Ion Selective Electrodes

### Maximizing the throughput

Two or more Konelab PRIME 60 analyzers can be integrated as one high-capacity clinical chemistry workcell.

- Point-of-space interface to a sample track system.
- Automated load balancing for optimum operation and flexibility.
- Errors on sample registration, sorting and processing are minimized.
- Tracking and traceability covering each process step.
- Scalable with immunochemistry systems (KORUS workcell).



The 12-position Multicell Cuvette



**KONELAB PRIME 30i**





### 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)
- Automatic clot detection
- Routine and specialty chemistry menu, ISE option

### 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
- 2100 cuvette storage positions
- Dimensions: 170 cm (w), 82 cm (d), 120 cm (h)
- Automatic clot detection
- Routine and specialty chemistry menu, ISE option
- Interface to a sample track system

### Other available Konelab analyzers

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