



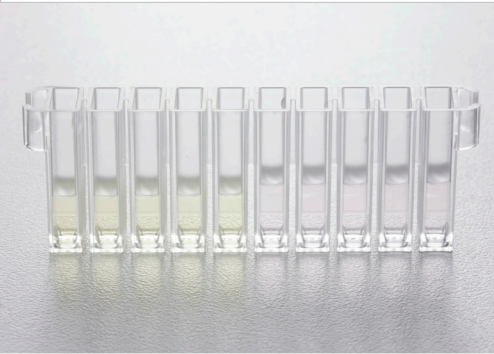
“Like the lower capacity Gallery analyzer, the Thermo Scientific Gallery Plus is an excellent platform to automate colorimetric, enzymatic and electrochemical testing. More and more analyzing methods, e.g. in process monitoring and quality control can be performed in an easy and cost-effective way.”

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Thermo
SCIENTIFIC



Thermo Scientific Gallery Plus
Automated, discrete photometric system

*High-capacity bench top analyzer with broad menu
of industrial and environmental system applications*



Thermo Scientific Gallery Plus, a new high-capacity bench top system specifically for food, beverage, water and soil testing.

Thermo Scientific Gallery Plus is an easy to use, automated system that allows laboratories to simplify their testing, and thus realize both time and cost savings. All the necessary analysis steps are automated, providing true walk-away time for the operator. Self-contained Gallery Plus occupies only a small footprint, facilitating installation in any laboratory.

Automation accelerates analysis.

Efficiency and productivity

The discrete cell technology of the Gallery Plus allows for simultaneous measurement of several different tests for the same sample, thus eliminating method change-over time. Offering faster, and more reproducible results with less sample and reagent waste, this technology has been successfully adapted to various industrial and environmental applications. Gallery Plus is able to reach very low detection levels, which is particularly important, e.g. to laboratories performing water quality testing. Besides with the colorimetric methods, conductivity and pH can be measured with the optional electrochemical (ECM) unit. Results are ready within minutes, translating to remarkable savings in hands-on time.

Quick and easy operation

Gallery Plus has plenty of automated features and its self-guiding user interface is easy to learn, making operation and information management simple.

- *Sample and reagent identification is automated by a barcode reader.*
- *Dilutions and re-analysis, when necessary, are handled fully automatically.*
- *Several blanking possibilities are available to eliminate sample matrix effects.*
- *Reagent usage is automatically monitored in real-time.*
- *LIS interface supporting automatic sending of queries and receiving results on-line.*

Speed and automation are the key factors to cost savings.



Thermo Scientific Gallery Plus

Capacity of up to 350 tests / hour.

Sample capacity max 54 sample positions on-board.

Reagent capacity max 42 reagent positions on-board.

Continuous access to samples, reagents and cuvettes without interrupting test processing.

Wavelength range from 275 nm to 880 nm.

Allows to set-up user-specific applications.

Optional unit for Conductivity and pH measurement or for sample pretreatment (in development).

Thermo Scientific System Reagents - continuously expanding selection

Water and Soil analysis:

Ammonia

Calcium

Chloride

Magnesium

Nitrite

Phosphate

Sulphate

T.O.N

Food, Beverage and Bioprocess analysis:

Acetic acid

β -Hydroxybutyric acid

D-Isocitric acid

D-Lactic acid

L-Lactic acid

L-Malic acid

Ethanol

Glycerol

Cholesterol

D-Fructose

D-Glucose

D-Glucose + D-Fructose

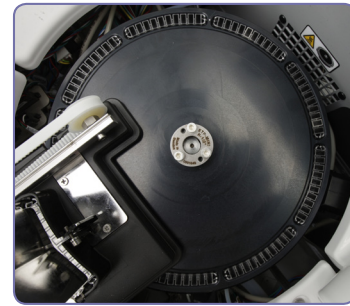
D-Glucose + D-Fructose + Sucrose

Sucrose (Total Glucose)

Lactose (Glucose)

Ammonia

Urea (Ammonia)



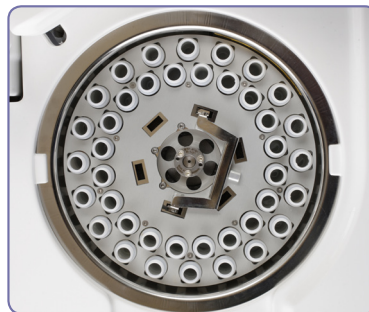
Temperature controlled incubator for 90 cuvette cells.



Effective mixer to stir test liquids.



Sample disk for 54 samples.



Reagent disk for 42 reagents.



Cuvette loader for 360 cells.

Volume optimized bar-coded reagent kits complete the system.



Optional ECM / sample pretreatment unit in its own dispensing arm.



The analyzer is self-contained.



Intuitive user interface is supported by a touch screen.



Test parameters can be loaded from a 2D barcode.

