



Thermo Scientific Gallery
Automated, discrete photometric system

*Superior, compact analyzer with wide menu of
industrial and environmental system applications*



Gallery - a new Thermo Scientific system, specifically developed for industrial and environmental analysis.

Thermo Scientific Gallery brings excellent analytical performance to colorimetric, enzymatic and electrochemical measurements in a compact and affordable design. Gallery covers a wide range of application areas, e.g. in food, beverage, water and soil testing and industrial quality control. Simultaneous determination of several analytes from a single sample, and many automated features ensure efficiency in analysis.

Speed, flexibility and analytical excellence.

Continuous, reliable operation

Being fully automated, Gallery is easy to operate. Samples, reagents and consumables can be loaded at any time without interrupting the analysis in progress. Sample pretreatment is minimal; generally centrifugation or filtration is adequate to prepare the samples. Reagent usage is automatically monitored in real-time. Highly specific measurements can be done within large concentration range with excellent reproducibility. User-specific applications are easy to set-up to meet individual testing needs in each laboratory. Results are ready within few minutes saving hands-on time remarkably.

Automated features

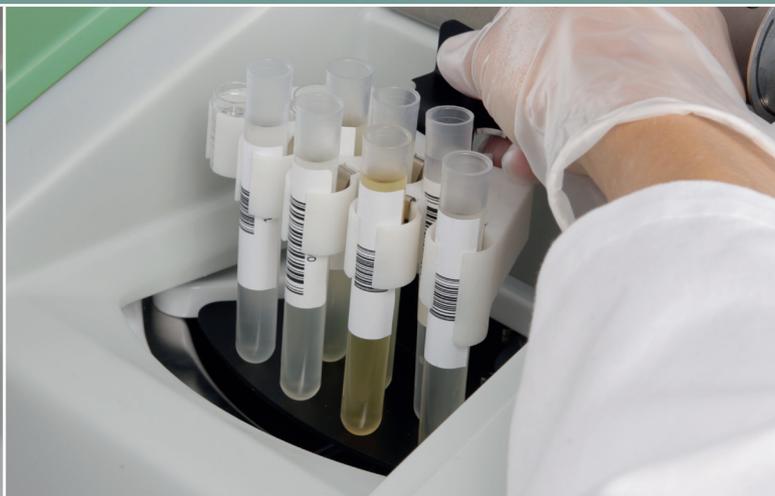
- *Automatic start-up and shut down protocols for true walk-away analysis. No warm-up time, no reagent priming is required.*

- *Several blanking possibilities to eliminate sample matrix effects.*
- *Automatic dilution features to manage a wide concentration range without user intervention.*
- *On-board barcode reader enables automatic sample and reagent identification.*

Low running costs

The unique, novel low-volume cuvette design makes Gallery economical to use. It guarantees low reagent costs and minimizes the amount of reagent waste generated. Cuvettes are disposable, so there is no need for washing to prevent carry-over.

Once loaded, the Gallery automatically handles all the steps of the analysis.



Efficiency and productivity in analysis - introducing the new ECM technique.

Gallery provides an integrated platform for two measurement techniques, photometric and electrochemical (ECM), which can be run in parallel. Discrete cell technology allows for measurement of several different tests for the same sample simultaneously without method changeover time. Each individual reaction cell is isolated and temperature-stabilized thus securing highly controlled reaction conditions.

Thermo Scientific Gallery

Capacity of up to 200 tests / hour.

Combined sample and reagent disk, max 54 sample positions on-board.

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

Up to 2 hours walk-away time.

Wavelength range from 275 nm to 880 nm.

Optional ECM-unit for Conductivity and pH, Sodium* and Potassium*.

Thermo Scientific Gallery 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 -Hydroxybuturic 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)

System calibrators/ controls

*in development



Save time and costs - measure multiple analytes simultaneously.

Easy-to-use Gallery system solution

- Gallery is provided with optimized system application menu.
- Ready-to-use system reagent kits eliminate time-consuming reagent preparation.
- Method support given by Thermo Fisher's professionals when customers own applications are set up.
- Worldwide technical support to guarantee reliable operation.

Compact and elegant design

- Gallery requires only a small footprint facilitating installation in any laboratory.
- Windows® workstation with graphical user interface, touchscreen option.
- No need for external water or drainage connections.
- Minimal daily and weekly maintenance maximizes analyzer uptime.

"Over 35 years of experience in developing discrete analyzers and fulfilling high demands for reliability and quality are the basis for Gallery's excellent performance. Be inspired by the many possibilities Gallery offers - monitoring water quality, following fermentation processes, detecting ingredients in food samples, and many more."



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NT10790 02/10

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