862 Compact Titrosampler

- Titrator built into the autosampler
- Straightforward and economical automation on a minimum footprint
- Space for 11 samples and one rinsing position
- Easy, safe, precise

Ω Metrohm

862 Compact Titrosamper – unique in size and performance

The 862 Compact Titrosampler – an all-in-one titrator and autosampler – is a completely automated titration station that takes up only as much bench space as a typical analytical balance. Forget lengthy system configuration processes and hours of user training. A large number of predefined titration methods, combined with straightforward operation, allow the system to be used immediately after installation.

Unpack – install – get down to work!

plus:
- **Dynamic and monotonic titration (DET/MET)**
- **Titration to a preset endpoint (SET)**
- **Fully automatic calibration of the pH electrode**
- **Large live display**
- **Propeller stirrer for optimized sample homogenization**
- **11 positions for serial sample processing**

The Compact Titrosampler packages contain everything you need for quick installation to get down to work immediately. This combined unit automates your analyses and releases you from time-consuming routine tasks.

Food/Beverage Compact Titrosampler
The Food/Beverage Compact Titrosampler is the complete package for the most common analyses in the food sector. The extensive range of accessories allows you to start working immediately, as the package contains everything that is needed for your analyses.

Salt Compact Titrosampler
The Salt Compact Titrosampler consists of a complete package for determining chloride in a diversity of samples. The accessories provided are specifically geared to this application and thereby allow fast and easy installation.

plus:
- **«All inclusive»: unpack – install – get down to work**
- **Intelligent dosing unit with titrant monitoring**
- **Detailed information on applications**
- **USB compact printer as option**

862 Compact Titrosampler – easy, safe and precise

The 862 Comapt Titrosampler allows you to carry out a large variety of analyses fully automatically on a total of 12 positions. The electrode can be cleaned and conditioned between each determination.

The USB stick that comes with the instrument can be used both to back up your methods and to transfer data to your LIMS.

Particularily worth mentioning: The large and clearly arranged display, which allows you to follow the status of your sample series via live titration curve. If need be, you can interrupt sample series at any time to determine samples with higher priority. «Plug and play» functionality of intelligent dosing unit, stirrer and USB printer, a high-precision measuring input, operation by mouse click and various dialog options – the 862 Compact Titrosampler leaves nothing to be desired.

The advantages of the 862 Compact Titrosampler

- **Compact and economical titrator**
- **Easy to install and operate**
- **Intelligent dosing unit with titrant monitoring**
- **Maximum precision due to high-resolution measuring input**
- **Live curve**
- **USB compact printer as option**

Completely open

The titration head offers enough space for a rod stirrer and up to two electrodes. The titrant and an auxiliary reagent are added via the two preinstalled buret tips. On request the system can be retrofitted with rinsing and aspiration pumps.
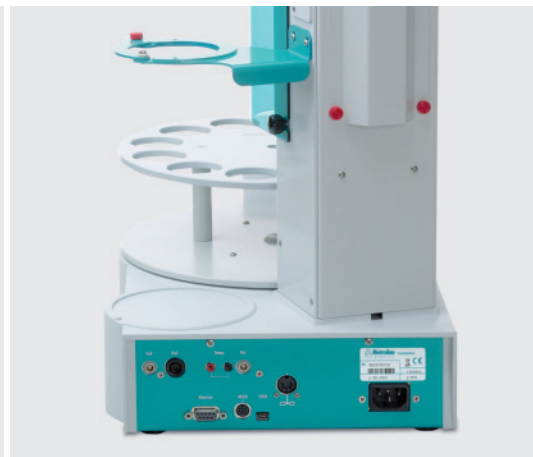
Economical – and safe!

When it comes to operational safety, the 862 Compact Titrosampler is as uncompromising as you could wish. The splash protection and Dosino holder included in the package protect the user from contact with chemicals. The electrical connections are protected against penetration by liquids.

Perfectly adapted to routine work

For method creation on the 862 Compact Titrosampler, just load the appropriate titration method and set and save the four automation parameters. Everything else is routine.

Very flexible

The 862 Compact Titrosampler allows you to carry out your titrations fast, with minimum effort and on a very small footprint. Still, this system is flexible enough to grow with your demands.

No matter whether you would like to add a further solution prior to titration, link up a balance directly with the Compact Titrosampler or simply connect a keyboard for entering the sample identification – we have already thought of this and prepared everything accordingly.

Do your analyses require an intensive cleaning procedure? With the 843 Pump Station adding two high-performance pumps (two membrane or peristaltic pumps, according to your preference) is a matter of minutes.

843 Pump Station (peristaltic)

843 Pump Station (membran)

Compact Titrosampler packages

2.862.0010 **Compact Titrosampler**
includes 862 Compact Titrosampler and 802 Stirrer (propeller stirrer)

2.862.0110 **Compact Titrosampler with printer**
includes 862 Compact Titrosampler, 802 Stirrer (propeller stirrer) and USB compact printer

2.862.1010 **Food/Beverage Compact Titrosampler**
includes 862 Compact Titrosampler, 802 Stirrer (propeller stirrer), 800 Dosino with 20 mL dosing unit and Ecotrode Plus

2.862.1110 **Food/Beverage Compact Titrosampler with printer**
includes 862 Compact Titrosampler, 802 Stirrer (propeller stirrer), 800 Dosino with 20 mL dosing unit, Ecotrode Plus and USB compact printer

2.862.2010 **Salt Compact Titrosampler**
includes 862 Compact Titrosampler, 802 Stirrer (propeller stirrer), 800 Dosino with 20 mL dosing unit and Ag Titrode

2.862.2110 **Salt Compact Titrosampler with printer**
includes 862 Compact Titrosampler, 802 Stirrer (propeller stirrer), 800 Dosino with 20 mL dosing unit, Ag Titrode and USB compact printer

Optional accessories

2.843.0030 843 Pump Station (membrane) – rinsing/aspiration
2.843.0130 843 Pump Station (peristaltic) – rinsing/aspiration

6.2151.110 Cable USB MINI (OTG) – USB A, 1.8 m
6.2151.120 Cable USB MINI (OTG) – USB B, 1.8 m

Smart dosing units equipped with a data chip, including accessories and two buret tips, one with a micro outlet valve
6.3032.120 Buret volume 2 mL
6.3032.150 Buret volume 5 mL
6.3032.210 Buret volume 10 mL
6.3032.220 Buret volume 20 mL
6.3032.250 Buret volume 50 mL

Option for connecting a balance
6.2148.020 RS-232/USB Box
6.2151.030 Cable USB A – USB B

Option for connecting a printer
2.141.0100 USB thermal printer Neo's
6.9001.050 Thermal paper for USB thermal printer Neo's

www.metrohm.com

Ω Metrohm