



848 Titropackage plus

- Compact routine titrator 848 with real-time curve
- Easy automation in a minimum of space
- Economical automation
- 11 sample positions and one rinsing position

Titrino
PLUS

Economical system with many advantages

848 Titropackage plus

The system consists of 848 Titrino plus, 869 Compact Sample Changer, 802 Rod Stirrer, Ecotrode plus and additional accessories.

The comprehensive accessories allow the easy and fast installation of the system, which is immediately ready for operation. A large number of predefined methods, combined with extremely easy operation, allow one to use the system without time-consuming configuration, user training or method optimization. The sample changer automates the determinations and frees the user from tedious routine work. The USB stick contains a large number of predefined methods; it can be used for the backup of your methods and for transferring data to your LIMS.



848 Titrino plus – easy, safe and precise

The Titrino plus, Metrohm's new entry model in potentiometric titration, offers many advantages and definitely more features than you would expect in this price range, namely: a large display for real-time titration curves, plug & play functionality of Exchange Unit, stirrer and USB printer, high-precision measuring input and operation by mouse-click. With its instrument dialog adapted to the routine user, the 848 Titrino plus is so easy to operate that the familiarization period is very short. Also its robustness makes it the ideal titrator for routine determinations in daily lab work.

plus

The advantages of the new Titrino plus at a glance:

- Simple installation
- Intelligent Exchange Unit with titrant surveillance
- High precision thanks to the high-resolution measuring input
- Real-time curve
- Optional compact USB printer



Titrino **PLUS**

> Efficient automation

869 Compact Sample Changer

The 869 Compact Sample Changer allows rapid and very easy automation of small sample series.

With a total of 12 positions, a variety of titrations can be carried out fully automatically with the electrodes being cleaned or conditioned between determinations.

The large and clearly arranged display keeps you updated on the status of the sample series. Urgent samples can be preferentially analyzed at any time.

Laboratory space is both scarce and expensive – the footprint of the 869 Compact Sample Changer is similar to that of an analytical balance.



Compact Sample Changer – automation in a minimum of space.

plus

The advantages of the 869 Compact Sample Changer at a glance:

- Economical automation
- Space-saving; 11 sample positions
- Different method templates
- Easy operation



Completely open

The titration head offers enough space for a propeller stirrer and up to two electrodes. The titrant and an auxiliary reagent are added via the two already mounted buret tips. The system can be retrofitted with rinsing and aspiration pumps.



Economical but safe!

Despite its attractive price the 869 Compact Sample Changer offers maximum safety. The titration head's shield protects the user from accidental contact with chemicals. The electrical connections are also protected against splashes.



Perfectly adapted to routine work

Method creation on the 869 Compact Sample Changer is made easy by the fact that only four parameters have to be set and stored. All the rest is routine.



Titrimo
PLUS

Your 848 Titropackage plus is ready to use

Titropackage plus not only comprises the routine titrator and the compact sample changer but also a complete set of accessories that allows you to start immediately.

The small beakers used as standard help to keep titrant and solvent consumption low.

Your Titropackage can be expanded with the 843 Pump Station at any time.

plus

Standard accessories:

- **802 Rod Stirrer with stirring propeller**
- **Exchange Unit (20 mL)**
- **Ecotrode plus with cable**
- **Sample beakers 120 mL PP (100 pieces)**
- **USB stick with more than 100 application methods**
- **...and more...**



843 Pump Station (peristaltic)



843 Pump Station (membrane)

> Ordering information

Titropackage

2.848.0110 848 Titropackage plus, consisting of 848 Titrino plus, 869 Compact Sample Changer, 802 Rod Stirrer and complete accessories

Optional accessories

2.141.0100 Compact USB thermal printer including cable
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

Intelligent Exchange Units equipped with data chip, including accessories and two buret tips, one of them with micro outlet valve

6.3026.110 Buret volume 1 mL
6.3026.150 Buret volume 5 mL
6.3026.210 Buret volume 10 mL
6.3026.220 Buret volume 20 mL
6.3026.250 Buret volume 50 mL

Optional accessories for balance connections

6.2148.030 RS 232/USB Box
6.2151.030 Cable USB A – USB B, length 30 cm



Titrino
PLUS



s w i s s m a d e 

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Ion analysis

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