



859 Titrotherm complete with tiamo™

2.859.1010

Computer-controlled titrator for thermometric titration. Including complete accessories for the titration (10 mL buret, titration stand with rod stirrer, Thermoprobe, titration vessel and tiamo™ light).

Below, the accessories are grouped into Scope of delivery and Optional accessories. Please keep this printout at hand for ordering replacement material. These lists may be subject to change.

Scope of delivery 2.859.1010

Qt.	Order no.	Description
1 PCS	1.800.0030	800 Dosino (cable length 1.5 m)

Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 1.5 m).



1 PCS

1.802.0010

802 Rod Stirrer for 727 Ti Stand

Rod stirrer with separate 6.2137.000 Speed controller and 6.1909.010 Propeller stirrer.



1 PCS

1.804.0010

804 Ti Stand without stand rod

Titration stand and controller for 802 Stirrer. The 804 Ti Stand together with the optional 802 Stirrer provides an alternative to the magnetic stirrer. Without stand.



1 PCS

1.859.0010

Titrotherm



1 PCS

6.1414.010

Titration vessel lid with 5 openings



1 PCS

6.1415.210

Titration vessel / 10-90 mL



1 PCS

6.1546.030

Extractor rod

For PTFE piston of dosing unit



1 PCS

6.1909.010

Stirring propeller / 87 mm

Propeller stirrer, length from lower edge of SGJ: 96 mm. For use with beakers with 722, 802 Rod Stirrer



1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



1 PCS

6.2026.010

Support stand with support rod

Complete, with stand rod, total length 42 cm. Used with 649, 728
Magnetic Swing-out Stirrer alone (without Dosimat)



1 PCS

6.2036.000

Mounting ring for titration vessel



1 PCS

6.2151.000

Cable USB A – mini-DIN 8-pin

Controller cable



1 PCS

6.2621.070

5 mm hex key for IC Sample Processors



1 PCS 6.2621.130 Hexagon key 2 mm
2 mm.



1 PCS 6.2727.010 Intermediate SGJ sleeve
Used with reference and auxiliary electrodes in measuring and titration vessel with 6.1414.010 lid



1 PCS 6.3032.210 807 Dosing Unit 10 mL
807 Dosing Unit with integrated data chip with 10 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.







1 PCS 6.9011.020 Thermoprobe
High-sensitivity temperature sensor for thermometric titration with an 859 Titrotherm.
The Thermoprobe has a short response time and a high resolution, which enables the precise recording of even the smallest temperature changes.
This sensor can be used in aqueous and non-aqueous solutions which do not contain any HF, for determinations such as:



- acid number (TAN) in accordance with ASTM D8045
- total base number (TBN)
- free fatty acids
- Ca /Mg determination
- phosphate

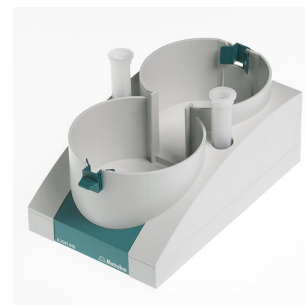
Optional accessories

Order no.	Description	
6.1450.210	PFA titration vessel / 10 to 90 mL For ultratrace analysis and for solutions containing fluoride.	
6.1543.210	3-way stopper with antidiffusion valve Stopper with three buret tips for connecting 3 x M6 tubing	
6.1575.150	807 Dosing Unit ETFE 5 mL 807 Dosing Unit ETFE 5 mL for dosing alkali reagents or hydrofluoric acid (HF) with Dosinos. Less precision and reproducibility is to be expected in comparison with glass cylinders.	
6.2021.030	Electrode holder with rinsing device Electrode holder with rinsing device for 4 electrodes and 2 buret tips Connection for rinsing water, integrated magnetic switch for 722, 802 Stirrer. Used with 727 Ti Stand	

6.2061.010

Bottle holder for Dosinos

Bottle holder for up to two Dosinos, mounted on 1 L reagent bottles.



6.2065.000

Stacking frame for 846 Dosing Interface, 856 Conductivity Module, 867 pH Module

For fixing the Reagent Organizer on top of the Dosing Interface



6.3032.120

807 Dosing Unit 2 mL

807 Dosing Unit with integrated data chip with 2 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.150

807 Dosing Unit 5 mL

807 Dosing Unit with integrated data chip with 5 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.220

807 Dosing Unit 20 mL

807 Dosing Unit with integrated data chip with 20 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiusion tip.



6.3032.250

807 Dosing Unit 50 mL

807 Dosing Unit with integrated data chip with 50 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiusion tip.



6.9011.040

Thermoprobe HF

High-sensitivity temperature sensor for thermometric titrations with an 859 Titrotherm in HF-containing media.

The Thermoprobe has a short response time and a high resolution, which enables the precise recording of even the smallest temperature changes.

This sensor can be used in acidic, fluoride-containing solutions but is not resistant to organic solvents. It is suitable for:

- the determination of sodium
- titration of etching baths

