
















## Accessories for 2.859.1010

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

Qty.	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	<b>Titration vessel lid with 5 openings</b>	
1 pcs	6.1415.210	<b>Titration vessel / 10-90 mL</b>	
1 pcs	6.1546.030	<b>Extractor rod</b> For PTFE piston of dosing unit	
1 pcs	6.1909.010	<b>Stirring propeller / 96 mm</b> Propeller stirrer, length from lower edge of SGJ: 96 mm. For use with beakers with 722, 802 Rod Stirrer	
1 pcs	6.2013.010	<b>Clamping ring</b>  For support rods with a diameter of 10 mm.	

<b>1 pcs</b>	<b>6.2026.010</b>	<b>Support stand with support rod</b>  Complete, with stand rod, total length 42 cm. Used with 649, 728 Magnetic Swing-out Stirrer alone (without Dosimat)	
<b>1 pcs</b>	<b>6.2036.000</b>	<b>Mounting ring for titration vessel</b>	
<b>1 pcs</b>	<b>6.2151.000</b>	<b>Cable USB A – mini-DIN 8-pin</b> Controller cable	
<b>1 pcs</b>	<b>6.2621.070</b>	<b>5 mm hex key for IC Sample Processors</b>	
<b>1 pcs</b>	<b>6.2621.130</b>	<b>Hexagon key 2 mm</b> 2 mm.	
<b>1 pcs</b>	<b>6.2727.010</b>	<b>Intermediate SGJ sleeve</b> Used with reference and auxiliary electrodes in measuring and titration vessel with 6.1414.010 lid	

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**1 pcs      6.3032.210      Dosing Unit 10 mL**

Dosing unit with integrated data chip with 10 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



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**1 pcs      6.6056.251      Tiamo 2.5 Light CD: 1 license**

tiamo™ 2.5 Light computer program for controlling a titration system.



- Up to two Metrohm instruments (Titrino, Titrand, etc.) can be connected; balances and other generic (i.e. non-Metrohm) instruments can be included without limitation
- Graphical method editor with numerous templates
- Layout manager for individual monitor interface
- Professional database with reevaluation
- High-performance report generator
- Data export as PDF file, CSV, SLK
- No parallel titration
- No data export in XML format for LIMS
- Dialog languages: German, English, French, Italian, Spanish, Czech, Portuguese, Polish, Russian, Slovakian, Japanese, Chinese, Traditional Chinese

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**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	<b>PFA titration vessel / 10 to 90 mL</b> For ultratrace analysis and for solutions containing fluoride.	
6.1543.210	<b>3-way stopper with antidiffusion valve</b> Stopper with three buret tips for connecting 3 x M6 tubing	
6.1575.150	<b>Dosing unit complete / 5 mL ETFE cylinder</b> For dosing solvents or solutions with Dosinos. A lower degree of precision is to be expected for the titration process in comparison to a glass cylinder.	
6.2021.030	<b>Electrode holder with rinsing device</b> 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	<b>Bottle holder for Dosinos</b> Bottle holder for up to two Dosinos, mounted on 1 L reagent bottles.	

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**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



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**6.3032.120 Dosing Unit 2 mL**

Dosing unit with integrated data chip with 2 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 glass thread. FEP tubing connection, anti-diffusion buret tip.



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**6.3032.150 Dosing Unit 5 mL**

Dosing unit with integrated data chip with 5 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



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**6.3032.220 Dosing Unit 20 mL**

Dosing unit with integrated data chip with 20 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



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**6.3032.250 Dosing Unit 50 mL**

Dosing unit with integrated data chip with 50 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



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**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

