





Accessories for 2.901.0010

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 2.901.0010

Qty.	Order no.	Description	
1 pcs	1.901.0010	901 Titrande	 <p>The Karl Fischer Titrande for the modern titration laboratory</p> <p>In addition to the Karl Fischer mode (KFT), the high-end titrator is also equipped with the SET mode and can thus perform titrations to a predefined endpoint.</p> <p>"iTrode ready": As a result of the high-resolution, galvanic measuring interface – now also for the first time with additional digital measuring input for the intelligent "iTrodes" electrodes – it is additionally possible to perform pH measurements with a maximum of precision.</p> <p>Thanks to the four MSB connectors, up to four Dosinos can be connected to the 901 Titrande. These can be used not only for titration, but also for the automated addition of sample, standard and auxiliary solutions such as solubility promoters. Furthermore, you have all of the Liquid Handling commands at your disposal, which means that the aspiration of exhausted reagent and the addition of fresh solvent can also be automated.</p>
1 pcs	6.0338.100	Double Pt-wire electrode for volumetry	 <p>Indicator electrode used for volumetric Karl Fischer titration.</p>
1 pcs	6.1244.040	Set of seals	 <p>Set of seals for 6.1414.030. The set is comprised of one seal and various O-rings.</p>
1 pcs	6.1403.040	KF Adsorber tube	 <p>Used with KF equipment. Including cover and O-ring.</p>

1 pcs **6.1414.030** **KF titration vessel lid**
For volumetric KF titrations.



1 pcs **6.1415.220** **Titration vessel / 20-90 mL**



1 pcs **6.1415.250** **Titration vessel / 50-150 mL**



2 pcs **6.1448.010** **Septum 12 mm, 5 pieces**
Set of 5 items.



2 pcs **6.1903.020** **Stirring bar / 16 mm**
Stirring Bar with magnetic core, PTFE coated, length 16 mm



2 pcs **6.1903.030** **Stirring bar / 25 mm**

Stirring bar with magnetic core, PTFE covering, length 25 mm.



5 pcs **6.2043.005** **Holding clip for bottles**

Holding spring for reagent bottles in exchange units.



1 pcs **6.2103.130** **Adapter red 2 mm plug / 4 mm socket**

For connecting plug B (4 mm) to 2 mm socket.



1 pcs **6.2103.140** **Adapter black 2 mm plug / B socket 4 mm**

For connecting plug B (4 mm) to 2 mm socket.



1 pcs **6.2104.020** **Electrode cable / 1 m / F**

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



1 pcs 6.2412.000 Weighing boats

Weighing boat made of glass for the 6.1414.030 titration vessel lid or the 6.1455.31X, 6.1464.32X, 6.1465.320 titration vessel. For KF water determinations. Including protective tube.



2 pcs 6.2730.010 Screw nipple

Made of PP. For 6.1448.010 Septum or for mounting 6.1403.040 Drying tube or 6.0338.100 Electrode in 6.1414.030 and 6.1414.040 KF Titration vessel lids. Used for KF titrations.



1 pcs 6.2730.020 Septum stopper

With E.301.0041 O-ring. For 6.1448.010 Septum and 6.1414.030 Titration vessel lid. Used for KF applications.



3 pcs 6.2730.030 Stopper

Complete with nipple and O-ring. For 6.1414.030 titration vessel lids. For KF instruments, VA measurement stands, VA Computrace and IC Dilution.








1 pcs **6.2811.000** **Molecular sieve**

Molecular sieve. Bottle containing 250 g. Pore size: 0.3 nm. Without moisture indicator. For Rancimats and Karl Fischer instruments.



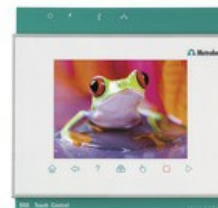
Optional accessories

Order no.	Description	
2.136.0100	Polytron PT 1300 D	
	<p>Polytron PT 1300 D - Metrohm version</p> <p>Homogenizer that can be controlled directly by tiamo™ or Touch Control.</p> <p>The Polytron PT 1300 D is comprised of a monitoring instrument and a drive. The coupling system on the drive permits the simple and rapid replacement of the aggregates without additional tools. Solid samples can be pulverized without difficulty. The instrument is however outstandingly suitable for ensuring thorough mixing in viscous samples.</p>	
2.800.0010	800 Dosino	
	<p>Drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).</p>	
2.801.0040	801 Stirrer with stand	
	<p>Magnetic stirrer including base plate, support rod and electrode holder for supplementing the Titrino plus, Dosimat plus, Titrandos, Sample Processors, 805 Dosimat and 780/781 pH meters as well as the 856 and 867 measuring modules. With permanently attached cable for MSB (Metrohm Serial Bus).</p>	
2.803.0010	803 TI Stand with stirrer and pump	
	<p>Compact titration stand with magnetic stirrer and built-in pump for solvent addition and aspiration of the titration vessel contents. Suitable for Karl Fischer titrations with Titrandos. MSB connection. Including comprehensive accessories, solvent bottle and waste bottle.</p>	
2.860.0010	860 KF Thermoprep	
	<p>The 860 KF Thermoprep is designed for thermal sample preparation in Karl Fischer titration.</p> <p>Numerous substances cannot be analysed by direct Karl Fischer titration as they are not soluble, react with the Karl Fischer reagent or release their water only very slowly or not until heated to high temperatures. Using tightly sealed sample vials, the sample is inserted in the oven. The samples can be subsequently analysed by any volumetric or coulometric KF titrator.</p>	

2.900.0010
900 Touch Control

Operating unit for the Titrandos, USB Sample Processors, 856 Conductivity Module, 867 pH Module and 846 Dosing Interface. Touch-sensitive, high-resolution color display, simple and intuitive operation, thanks to Favorites for direct method access. With integrated Ethernet interface for direct connection to the Internet and USB interface for connecting USB printers or a USB memory stick.

Dialog languages: German, English, Chinese, French, Spanish, Portuguese, Russian, Korean, Polish and Italian.


6.2148.010
Remote Box MSB

Additional remote interface for the connection of devices that can be controlled via remote lines. With permanently attached cable.


6.2148.020
RS-232/USB box

Extends the Titrando, USB Sample Processors, Dosing Interface, Titrosampler by two RS-232 interfaces for connecting e.g. balances, PC, LIMS. Requires 6.2151.030 cable.


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.


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.


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.


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.



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.



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, Titrando, 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

6.6056.252**Tiamo 2.5 Full CD: 1 license**

Computer program for controlling complex titration systems.

- Graphical method editor with numerous templates
- Layout manager for individual monitor interface
- Professional database with reevaluation
- Export to LIMS, NuGenesis, Cyberlab, etc.
- High-performance report generator
- In compliance with the directives according to FDA 21 CFR Part 11
- Parallel titration
- Dialog languages: German, English, French, Italian, Spanish, Portuguese, Polish, Russian, Slovakian, Czech, Japanese, Chinese and Traditional Chinese

6.6056.253**tiamo 2.5 Multi CD: 3 licenses**

Client/server-compatible computer program for controlling complex titration systems.

- Graphical method editor with numerous templates
- Layout manager for individual monitor interface
- Client/server database
- Professional database with reevaluation
- Export to LIMS, NuGenesis, Cyberlab, etc.
- High-performance report generator
- In compliance with the directives according to FDA 21 CFR Part 11
- Parallel titration
- Dialog languages: German, English, French, Italian, Spanish, Czech, Portuguese, Polish, Russian, Slovakian, Japanese, Chinese and Traditional Chinese