



IONIC Titrator KF

2.1040.6010

As powerful as a computer! With its 10-inch display and its large internal database, the IONIC Titrator provides full convenience with respect to user-friendliness and data handling. Operate it like your mobile telephone or tablet and save thousands of determinations directly to the instrument.

Thanks to the installed mobile communications module, you can upload your determination data directly into Metrohm Data Service, the new cloud data storage from Metrohm – without integration in your local network. This means that the data is available at all times and everywhere.

- pH, voltage, and temperature measurement
- Volumetric Karl Fischer titration
- Titration/dosing with up to 4 Dosino Modules (250,000 dosing steps)
- Report output on compact or network printers

Optional titration modes and additional functional enhancements:

- Function license for IONIC potentiometric titrator
- Compliance with statutory regulations: 21 CFR Part 11; EudraLex, Volume 4, Annex 11
- Option for second titration stand with magnetic or rod stirrer

- Use of up to three analog or digital electrodes

Version with one digital and one measuring input each and with one magnetic stirrer (left). Complete package for volumetric Karl Fischer titration, including Dosino Module, 10 mL dosing unit, and double Pt ring electrode. Without pump.

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 2.1040.6010

Order Number	Description	Quantity
6.1546.030	Piston tongs For pistons for 807 Dosing Units or cylinder units OMNIS.	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
		
1.1042.0010	Dosino Module (cable 0.75 m) The Dosino Module is a high-precision drive for the space-saving extension of an OMNIS titration system to include an additional intelligent buret for titrations, dosings, and other liquid handling tasks. With permanently attached cable (length 0.75 m).	1 PCS
		

6.05803.100

Upgrade kit Measuring Interface Analog

1 PCS

This upgrade kit contains all of the components needed for retrofitting an additional measuring interface analog.



1.1040.0120

IONIC Titrator with 1 magnetic stirrer

1 PCS

As powerful as a computer! With its 10-inch display and its large internal database, the IONIC Titrator provides full convenience with respect to user-friendliness and data handling.



6.05609.020

KFT accessories for IONIC Titrator

1 PCS

Complete accessory set for volumetric Karl Fischer titration with the IONIC Titrator



6.02164.020

Power supply unit 100–240 V / 24 V DC 5 A

1 PCS

Power supply unit for IONIC Titrator



6.6083.010

USB flash drive for the IONIC Titrator

1 PCS

This USB flash drive contains example methods and other documents.



6.06009.110

Function license IONIC KF Titrator

1 PCS

Function license for one IONIC Karl Fischer titrator.
Contains the following measurement modes:

- MEAS T/U/pH/pol/Upol
- Karl Fischer titration (KFT)



6.02712.010

Protective cover for IONIC Titrator display

1 PCS

The protective cover protects the IONIC Titrator display against unintended splashes.



6.06009.028

Function license IONIC magnetic stirrer (1x)

1 PCS

Function license for the operation of the magnetic stirrers.
One function license enables the operation of one magnetic stirrer. If two magnetic stirrers are to be operated with the IONIC Titrator, then two licenses must be activated.



Optional accessories

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.

6.3032.210

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.

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, antidiffusion 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, antidiffusion tip.

6.2047.110

Holder for Polytron



Holder to fix the Polytron at the stand rod.

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.

6.2811.010

Molecular sieve (US)



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

This product is intended for all users who are US residents. The material is rated hazardous in the US in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.1029.0010

Solvent Pump



Solvent Pump is used with an Eco Titrator / Eco KF Titrator / Eco Coulometer for reliably adding solvent and aspirating off titration vessel content without contact with the reagents.

Device-independent use is also possible with optional 6.2164.010 power supply unit.

2.1009.0010

OMNIS Solvent Module



OMNIS Solvent Module for reliable addition of solvent and aspirating off titration vessel content without contact with the reagents. New, improved version resistant against chloroform, chlorobenzene, xylene, and glacial acetic acid (requires OMNIS 4.4.1 or higher). Manual control or actuation via OMNIS Software for maximum user-friendliness. Including accessories, solvent, and waste bottle.

2.136.0100

Polytron PT 1300 D



Polytron PT 1300 D - Metrohm version

Homogenizer that can be controlled directly by OMNIS Software, tiamo™ or Touch Control.

The Polytron PT 1300 D is comprised of a control unit and a drive. The coupling system on the drive permits simple and rapid replacement of the aggregates without additional tools.

Solid samples can be pulverized without difficulty. However the instrument is also highly suitable for ensuring thorough mixing in viscous samples.

2.142.0100

Custom Q3X thermal printer



Compact printer with USB interface for

- 900 Touch Control
- 915 KF Ti-Touch
- 916 Ti-Touch
- 917 Coulometer
- 877 / 848 Titrino plus
- 865 / 876 Dosimat plus
- 91X Meter (cable 6.2151.140)
- Eco Dosimat / Titrator
- 862 Compact Titrosampler
- 870 KF Titrino plus
- 899 Coulometer

Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.

2.143.0200

TX-900MH impact printer



Compact impact printer with USB and RS232 interface for

- 900 Touch Control (+)
- 915 KF Ti-Touch (+)
- 916 Ti-Touch (+)
- 917 Coulometer (+)
- 91X Meter (+)
 - Eco Dosimat/Titrator (+)
- 877/848 Titrino plus (additional 6.2151.100 required)
- 865/876 Dosimat plus (additional 6.2151.100 required)
- 862 Compact Titrosampler (additional 6.2151.100 required)
- 870 KF Titrino plus (additional 6.2151.100 required)
- 899 Coulometer (additional 6.2151.100 required)

(+) Cable included in scope of delivery
