



IONIC Titrator

Welcome to
the cloud!

PEOPLE
YOU
CAN
TRUST

 **Metrohm**

Defining a new benchmark in titration

Size Matters

We go big where others stay small: Control the IONIC Titrator with a spacious 10-inch touch display — providing the performance and user experience of a modern tablet computer.

Direct connection to the cloud

Instantly connect your IONIC Titrator to the Metrohm Data Service and upload your sample data and methods wherever you are, without a computer.

Outstanding precision and performance

Titrate with an impressive resolution of 250,000 pulses — a number that stands for the precision of the new Dosino Module. Perform two titrations in parallel, connect up to 4 burets, and use up to three measuring inputs.



Pure performance: A titrator that simply offers more

With a resolution of 250,000 pulses, the new Dosino Module enables titrations with maximum precision.



1

Compact and modular

The IONIC Titrator combines potentiometric and Karl Fischer titration in a single device – on a space-saving footprint.

2

Two titrations in parallel

With the IONIC Titrator you can perform two titrations in parallel – either both of them on the IONIC Titrator itself or one on the IONIC Titration Autosampler and another one on the IONIC Titrator.

3

Up to three measuring interfaces

Start with one measuring interface and add two additional interfaces when you need them; analog, digital, or conductivity.

4

Simplify your titrations and increase reproducibility

Connect up to 4 burets for titration and addition of auxiliary solutions fully automatically.



Powerful simplicity: A unique experience

Controlling your IONIC Titrator feels like using a modern, powerful tablet computer. Navigate on the large, 10-inch touch display like you are used from your tablet, swipe, zoom, and scroll with your fingertips, and use drag-and-drop to create your methods!

Start your favorite methods at a single touch: Define Favorites for your most important methods and execute them from the dashboard at a single touch.

Powerful like a PC

Save thousands of determinations in the database directly on your IONIC Titrator.

Compliance with 21 CFR Part 11

You work in the regulated environment? The optional compliance package complete with Audit Trail and enhanced user management makes your IONIC Titrator fully compliant with the requirements of 21 CFR Part 11, GLP, and GMP.

The state of your titrator at a single glance

A large LED signals the state of your IONIC Titrator from a distance. See at a glance whether your titrator is ready, running, or needs your attention.

Recalculate and re-evaluate your determinations

You have forgotten to enter the sample data correctly or the equivalence point was not found? Simply edit sample data or evaluation parameters and recalculate the result.

My determinations? Stored in the cloud!

The Metrohm Data Service

The IONIC Titrator is the first titrator with a built-in mobile communication module. This allows you to instantly connect your IONIC Titrator to the Metrohm Data Service, our cloud solution for your titration data.

Once your IONIC Titrator is online, you can easily share your sample data and methods by using a web browser – no computer needed.



LAN or WiFi

If you prefer, you can also connect your IONIC Titrator to the Metrohm Data Service through your local network via LAN or WiFi.

Highest security standards met

With our cloud solution, your data is protected to the highest security standards – thanks to state-of-the-art encryption technologies, redundant storage systems, and strict access controls. Moreover, Metrohm undergoes regular audits to safeguard security and compliance.

Always up-to-date

Receive notifications about the status of your titrations directly on your mobile device!



Save time, maximize throughput

Optional automation: Combine your IONIC Titrator with an IONIC Titration Autosampler and you can analyze up to 24 samples completely unattended.

Dis-Cover functionality for more lab safety

Lids on your sample vials prevent volatile solvents from evaporation. Upgrade your IONIC Titration Autosampler with the optional Dis-Cover arm to automatically remove these lids only during the titration.



The state of your titration series at one glance

You're not sure if a titration is still running or you can restart a titration series? See at one glance on the IONIC Titration Autosampler if a titration series is running, finished, or an error occurred.



Your choice of stirring

Depending on your needs you can connect either a rod stirrer or use a magnetic stirrer for stirring.



Maximum flexibility for your workflow

Depending on your solvents and solutions, different pump types may be required for rinsing and aspirating. With the IONIC Titration Autosampler, you have complete freedom: combine up to two pumps – membrane and/or peristaltic – to perfectly match your application.

ORDERING INFORMATION

Instruments	
2.1040.0120	IONIC Titrator with 1 magnetic stirrer
2.1040.0220	IONIC Titrator with 2 magnetic stirrers
Application specific packages	
2.1040.2010	IONIC Titrator Salt All-inclusive package for argentometric titrations
2.1040.3010	IONIC Titrator Oil All-inclusive package for nonaqueous acid-base titrations
2.1040.4010	IONIC Titrator Acid/Base All-inclusive package for aqueous acid-base titrations
2.1040.5010	IONIC Titrator Redox All-inclusive package for redox titrations
2.1040.6010	IONIC Titrator KF All-inclusive package for volumetric Karl-Fischer titrations
Optional accessories	
2.1042.0010	Dosino Module (cable 0.75 m)
2.1042.0020	Dosino Module (cable 2 m)
6.3032.120	807 Dosing Unit 2 mL
6.3032.150	807 Dosing Unit 5 mL
6.3032.210	807 Dosing Unit 10 mL
6.3032.220	807 Dosing Unit 20 mL
6.3032.250	807 Dosing Unit 50 mL
6.02001.000	Support stand for IONIC Titrator
6.02061.010	Bottle holder for IONIC Titrator
6.05609.020	KFT accessories for IONIC Titrator