



IONIC Titrator

Welcome to
the cloud!

PEOPLE
YOU
CAN
TRUST

 **Metrohm**

Defining a new benchmark in titration

Bigger Screen. Better Experience.

Why settle for a smaller display? The IONIC Titrator features a spacious 10-inch touchscreen, making operation faster, easier, and more efficient.

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

The new Dosino Module offers a resolution of 250,000 pulses for highly precise titration. 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 – with a space-saving footprint.

2

Two titrations in parallel

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



Easily start your favorite methods:
Define Favorites for your most important
methods and execute them from the
dashboard with a single touch.

Powerful Yet Simple

Operating the IONIC Titrator feels as intuitive as using a modern tablet. The large 10-inch touchscreen makes it easy to navigate, zoom, swipe through workflows, and create methods with simple drag-and-drop functionality.

Powerful like a PC

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

Designed for Regulated Environments

For laboratories operating in regulated environments, the optional compliance package includes Audit Trail functionality and enhanced user management to support compliance with 21 CFR Part 11, GLP, and GMP requirements.

The state of your titrator at a single glance

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

Recalculate Results with Ease

Need to update sample information or evaluation parameters? Simply make your changes and recalculate the result, no need to repeat the determination.

Your Titration Data. In the Cloud.

The Metrohm Data Service

The IONIC Titrator is the first titrator with a built-in mobile communication module, allowing you to connect directly to the Metrohm Data Service. Access, manage, and share your titration data through a secure cloud-based platform. Once connected, you can view sample data and methods from a web browser, no computer required.



LAN or WiFi

If you prefer, you can 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 evaporating. Upgrade your IONIC Titration Autosampler with the optional Dis-Cover arm to automatically remove these lids during the titration.



Titration series status, clearly displayed

See whether your titration series is running, complete, or requires attention directly on the IONIC Titration Autosampler.



Your choice of stirring

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



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