

Compact Titration



Compact Titrators

G10S

G20S



One Click® Titration
Simple & Secure

METTLER TOLEDO

The Intelligent Helper For Simple Titrations

Today's lean laboratories focus on increasing efficiency while minimizing excessive use of bench space. Thanks to the OneClick® usability concept, you are able to conduct your basic titration analysis from one single device by simply adding specific shortcuts onto the Homescreen. METTLER TOLEDO Potentiometric Compact Titrators are specially designed for routine applications and simple operation.

It's all in the push of a button



The large color touchscreen with the One Click® user interface is easy-to-understand, and you'll be able to quickly familiarize yourself with the screen. Each user has their own homescreen with customized language selection and shortcut keys, which enables routine procedures to be executed with just the push of a button.

Adapt predefined methods to your needs



Over 20 standard tried-and-tested methods from diverse application areas are available as pre-programmed METTLER TOLEDO methods and can be used directly. If necessary, they can be easily edited with the well-structured method editor to be optimally integrated in your processes.

Compact and simple automation



The automatic Rondolino titration stand is simple to install and uses minimal bench space. Series of up to 9 samples are processed quickly and safely. Dip-rinsing after each analysis ensures minimal carryover and after the series, the sensor is moved to a fixed conditioning beaker.



Ideally suited for your lab

Taking the step from manual to fully automated titration allows you to increase efficiency by dedicating your time to other important tasks. With its easy-to-use interface and space saving design, the Compact Potentiometric Titrator is the ideal choice for your daily routine analysis.

The Perfect Solution For Trusted Results

Security is an important concept in all METTLER TOLEDO Titrators. Many parameters are automatically checked by the instrument, allowing you to keep full control of the titration analysis. The Plug & Play feature of burettes and sensors facilitate their exchange and installation without having to worry about errors. Confidence in workflow security and result reliability is easily achieved with our Potentiometric Compact Titrators.

Flexible data management



METTLER TOLEDO Titrators offer a broad range of possibilities to handle your data. Choose whether to export as CSV, PDF or XML files. Devices such as printers or memory sticks can be connected via the USB port and are automatically recognized. Use LabX® Titration Express with G20S for full data security. The Windows-based user interface supports the user in every action performed with G20S.

Working safely with chemicals



Contact with liquid chemicals should always be avoided. The Solvent Manager takes care of filling, draining and exchange of solvents. It is fully controlled by the titrator which offers One Click access to all tasks. LevelSens offers additional security by monitoring solution and preventing overflow in the waste bottle.

Fast installation



Both the titrant and the sensor are automatically detected upon connection to the titrator and all applicable data are saved on the burette or sensor chip. The data is directly transferred to the titrator, where it can be saved and monitored. Errors occurring during the installation of resources are now a thing of the past. Plug & Play – safe titration couldn't get any simpler.



Easy transfer of sample weight

For most titration analyses, sample weight input is crucial. Not only does the weighing result have to be precise, but its transfer to the titrator must be error-free to ensure correct results. Thanks to the modern interface, your Compact Titrator can be connected to METTLER TOLEDO balances via RS232. This enables easy and safe sample weight transmission.

Overview of the Functionality

Comparison Table



Feature comparison table		G10S	G20S
One Click® Titration	User specific Homescreen with Shortcuts	•	•
	Shortcuts per user	4	12
Hot Plug & Play	Plug & Play sensor recognition	•	•
	Burette recognition with titrant and titer	•	•
	Second burette drive	—	•
	Solvent Manager	•	•
	USB printer	•	•
	USB memory stick	•	•
Automation	Rondolino	•	•
	Rondolino automated titration stand	•	•
Burette drives	Max. number to dose and titrate	1 internal	1 internal
	Max. number to dose only	—	1 external
Method and series	Number of method functions per method	10	12
	Number of samples per series	120	120
	Predefined METTLER TOLEDO methods	>20	>20
	Max. number of methods	5	100
Task list	Number of tasks	1	1
Online help		•	•
Data Export/Printing	USB, Ethernet, PDF	•	•
PC software	LabX® Titration connectivity: Express and Server	—	Express
Languages	English/German/French/Spanish/Italian/Chinese/Russian/Polish/Korean/Portuguese		

Accessories Overview

Printer/Balance



Analytical balance



USB printer



USB-P25 printer

Burettes & Dosing Unit



Burettes
1/5/10/20 mL



Dosing Unit

Solvent handling



SP280
Peristaltic Pump



SD660
Diaphragm Pump



Solvent Manager

Software



PC software
LabX® Titration Server
LabX® Titration Express

Conventional sensors and Plug & Play



Conventional
pH
Platinum
Silver
Surfactant
Photrode™
Temperature
ISE

Half cells/reference electrodes

Plug & Play
pH
Platinum
Silver

Titration stands



Rondolino
Automated titration stand



Manual titration stand

Service & Support



Service and Support

Accurate and reliable titration measurements are warranted, when performed using an automatic titrator. This is guaranteed with the proviso that the instrument is correctly installed and calibrated. In this case, also any concerns in respect to fulfilling the relevant quality standards are more than satisfied. Rest assured in the knowledge that your titrator has been installed (IQ) and examined (OQ) prior to taking it into routine operation by a service professional in line with these standards. Ask for appropriate service product or support offering available and supplied by your local METTLER TOLEDO representative.

- **IPac:**
initial qualification consisting of Installation- and Operational Qualification (IQ/OQ)
- Defined maintenance / calibration plan included in the IPac package
- Calibration including issuing the corresponding Instrument Certificate

GTP®
Good Titration Practice™

► www.mt.com/gtp



Titration Excellence T5, T7, T9

The flexible, modular titration system is tailored to your requirements with a wide selection of automation options. One Click® Titration for all titration applications – simple, efficient, secure and modular.



Karl Fischer Compact Titrator

The Karl Fischer Compact Titrator is the flexible and powerful instrument for fast and precise water determination of samples from any industry with water content between 1 ppm and 100%.



LabX® Titration: the software wizard for simple and efficient titrations

Secure data archiving in data base, efficient data management with control charts and individual search filters, quick and comprehensive method development for all applicative challenges and complete traceability of your data thanks to user management, audit trail, method history and electronic signature.

www.mt.com/titration

For more information

One Click is a Registered Trademark of METTLER TOLEDO in Switzerland, the European Union, Russia and Singapore. LabX is a Registered Trademark of METTLER TOLEDO in Switzerland, USA, China, Germany and a further 13 countries.



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