

One Click® Titration Simple and Secure



One Click® User Interface

The large color touchscreen features the simple-to-understand and fast-to-operate One Click user interface. All users have their own homescreen with dedicated shortcut buttons to directly start specific routine tasks. For security operation, users can be assigned to different user groups and access the instrument with their own username and password.



Intelligent Burettes

When the burette is installed, the titrant is automatically recognized. Important data such as concentration or lifetime is saved on the RFID chip and directly transferred to the titrator, where it is stored and can be monitored. Using the wrong or an expired titrant is therefore impossible.



Adaptation of predefined methods

More than 20 standard tried and tested methods 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 into your processes.



Flexible Data Export

METTLER TOLEDO Compact Titrators offer a broad range of options for handling your data. Choose whether to export your data as CSV, PDF or XML files. Devices such as printers or memory sticks can be connected via the USB port and are automatically recognized.



G10S Compact Titrator

The G10S Compact Titrator is ideal for fast and precise potentiometric titration with very simple operation. With its easy-to-use interface and space saving design, it is the optimal choice for your daily routine analysis.

- Color touchscreen with One Click user interface
- User interface in English, German, French, Spanish, Italian, Chinese, Russian, Polish, Korean and Portuguese
- Intelligent burettes with RFID chip store all relevant titrant data
- Common USB printers or the USB-P25 compact printer for secure and GLP-compliant paper recording
- Flexible data export

Functionality Overview		G10S
One Click® Titration	User Specific Homescreen with Shortcuts	4
	Plug & Play sensor recognition	•
Hot Plug and Play	Burette recognition with titrant and titer	•
	Solvent Manager	•
	USB printer	•
	Memory stick	•
Automation	Rondolino automated titration stand	•
User Management	4 fixed user groups: Administrator, Expert, Technician and Operator	•
	User password protection	•
Burette drives	Max. number to dose and titrate	1 internal
	Number of method functions per method	10
	Number of samples per series	120
	Predefined METTLER TOLEDO methods	>20
Methods and series	Max. number of methods	5
Online help		•
Data Export/Printing	USB, Ethernet, PDF	•
PC software	LabX Titration connectivity	–
Homogenizer		–
Languages	English / German / French / Spanish / Italian / Chinese / Russian / Polish / Korean / Portuguese	•
	Ethernet (TCP/IP)	1
Communication	COM (serial balance connection)	1
	USB host (printer, memory stick, hub)	2
	TTL I/O	1
	Pump / Stirrer	1

Technical Specifications

Potentiometric sensor input	Measuring range	± 2000 mV
	Resolution	0.1 mV
	Error limit	0.2 mV
Polarized sensor input	Measuring range I _{pol} / U _{pol}	0 ... 2000 mV / 0 ... 200 µA
	Resolution I _{pol} / U _{pol}	0.1 mV / 0.1 µA
	Error limit I _{pol} / U _{pol}	2 mV / 0.2 µA
	Current source range I _{pol} / U _{pol}	0 – 24 µA AC / 0 – 2000 mV AC
	Current source resolution I _{pol} / U _{pol}	0.1 µA / 0.1 mV
PT1000 temperature sensor	Measuring range	–20 ... 130 °C
	Resolution	0.1 °C
	Error limit	0.2 °C
Burette drives	Burette resolution	1/20'000 of the burette volume
	Burette resolution (20mL burette)	1 µL
	Error limit	0.2% of the burette volume
	Resolver resolution	0.0625% of the burette volume
	Fill and eject time	20 s
Titration dimensions	Width x depth x height	210 x 333 x 320 mm
	Weight	4.2 kg
	Screen	VGA 5.7" color TFT
	Resolution	640 x 480 pixel



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For more information

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