

## 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.



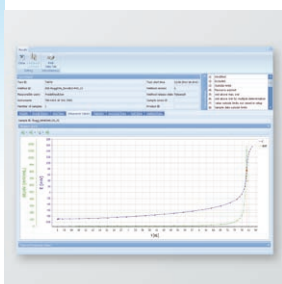
### Compact and simple automation

The automatic Rondolino titration stand is simple to install and takes up 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.



### Flexible Data Export

METTLER TOLEDO Compact Titrators offer a broad range of options for handling 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.



### PC software LabX® Titration

Full control of the titrator, secure database archiving, networking, efficient result management with control charts and individual search filters, and rapid and clear method development are only a few aspects of the powerful LabX Titration PC software.



### G20S Compact Titrator

The Routine Potentiometric G20S titrator combines fast and precise potentiometric titration analysis with 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 saving all relevant titrant data
- Connectivity to LabX Titration PC software
- Common USB printers or the USB-P25 compact printer for secure and GLP-compliant paper recording
- Compact and simple automation

Functionality Overview		G20S
<b>One Click® Titration</b>	User specific Homescreen with Shortcuts	•
	Shortcuts per user	12
<b>Hot Plug and Play</b>	Plug & Play sensor recognition	•
	Burette recognition with titrant and titer	•
	Burette drive	•
	Solvent Manager	•
	USB printer	•
<b>Automation</b>	Memory stick	•
	Rondolino automated titration stand	•
<b>User Management</b>	4 fixed user groups: Administrator, Expert, Technician and Operator	•
	User password protection	•
<b>Burette drives</b>	Max. number to dose and titrate	1 (internal)
	Max. number to dose only	1 (internal) + 1 external
	Number of method functions per method	12
	Number of samples per series	120
	Predefined METTLER TOLEDO methods	>20
<b>Methods and series</b>	Max. number of methods	150
<b>Online help</b>		•
<b>Data Export/Printing</b>	USB, Ethernet, PDF	•
<b>PC software</b>	LabX® Titration connectivity: Express	•
<b>Languages</b>	English / German / French / Spanish / Italian / Chinese / Russian / Polish / Korean / Portuguese	•
<b>Communication</b>	Ethernet (TCP/IP)	1
	COM (serial balance connection)	1
	USB host (printer, memory stick, hub)	2
	USB client (PC)	1
	TTL I/O	1
	Pump / Stirrer	1

## Technical Specifications

<b>Potentiometric sensor input</b>	Measuring range	± 2000 mV
	Resolution	0.1 mV
	Error limit	0.2 mV
<b>Polarized sensor input</b>	Measuring range I <sub>pol</sub> / U <sub>pol</sub>	0 ... 2000 mV / 0 ... 200 µA
	Resolution I <sub>pol</sub> / U <sub>pol</sub>	0.1 mV / 0.1 µA
	Error limit I <sub>pol</sub> / U <sub>pol</sub>	2 mV / 0.2 µA
	Current source range I <sub>pol</sub> / U <sub>pol</sub>	0 – 24 µA AC / 0 – 2000 mV AC
	Current source resolution I <sub>pol</sub> / U <sub>pol</sub>	0.1 µA / 0.1 mV
<b>PT1000 temperature sensor</b>	Measuring range	–20 ... 130 °C
	Resolution	0.1 °C
	Error limit	0.2 °C
<b>Burette drives</b>	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
<b>Titration dimensions</b>	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 pixels



### METTLER TOLEDO Group

Analytical Instruments  
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