



Titration, compact, G20, One Click Titration™ Mettler-Toledo



This reliable titrator is designed for basic routine applications and titrations in the analysis of food, water and chemicals. The One Click™ user interface is optimised for direct access to all routine tasks and provides clear information to the user. It offers four shortcut buttons for immediate start of routine operations and user-specific home screens with customisable shortcuts and user-defined operation languages.

- Easy to use, large, colour touch screen with One Click™ user interface enables users to execute routine procedures with just one touch
- Plug & Play: Titrant and sensor are automatically detected upon connection to the titrator and all applicable data is stored on the burette or sensor chip
- More than 20 pre-programmed standard methods from diverse application areas can be used directly or adapted to user needs
- Wide selection of standard calculations which can also be adapted to modified method parameters
- Sensor inputs: Potentiometric/polarised; Reference; PT1000 temperature

Ordering information: Supplied with integrated burette drive, DGI115-SC Plug & Play sensor, compact rod stirrer and 20 ml burette. Other accessories, such as software, printers and dosing units, need to be ordered separately.

Model	G20
Display	QVGA 5,7" colour TFT
Stirrer connection	Yes
Dosing accuracy	0,2% of the burette volume
Filling time	20 s
Burette resolution	1 µl (20 ml burette)
Method storage	>20 pre-programmed; 5 user methods
mV - range	± 2000
mV - resolution	0,1
Polarisation - range (µA)	0 - 200
Polarisation - resolution (µA)	0,1
Polarisation - accuracy (µA)	0,2
Measurement units	mV, µA, °C
Connections	Ethernet, COM, USB, CAN Bus, TTL-I/O
WxDxH (mm)	210x333x320
Weight (kg)	4,2

Description	Pk	Cat. No.
Titration G20	1	661-0159

Description	Diaphr.	Electrolyte	Connection	Temp. (°C)	Pk	Cat. No.
Combined pH electrodes						
Combined glass pH electrode DG111-SC, with integrated glass sleeve	Ceramic frit	3 mol/l KCl	S7 screw cap, detachable cable	0...+80	1	662-1653
Combined glass pH electrode DG113-SC, with integrated glass sleeve	Movable PTFE sleeve junction	LiCl 1 mol/l	S7 screw cap, detachable cable	0...+60	1	662-2736
Combined glass pH electrode DG115-SC, with integrated glass sleeve	Fixed ground glass sleeve junction	3 mol/l KCl	S7 screw cap, detachable cable	0...+100	1	662-2737
Combined glass pH electrode DG115-SC, Plug & Play, with integrated glass sleeve and sensor chip	Fixed ground glass sleeve junction	3 mol/l KCl	S12 plug	0...+100	1	662-1669
Redox combined electrodes						
Combined platinum ring electrode DM140-SC, with integrated glass sleeve	Ceramic frit junction	KCl 3 mol/l saturated with AgCl	S7 screw cap, detachable cable	0...+80	1	662-1654
Combined silver ring electrode DM141-SC, with integrated glass sleeve	Ceramic frit junction	KNO ₃ 1 mol/l	S7 screw cap, detachable cable	0...+80	1	662-1655
Double platinum electrode, DM143-SC						
Double pin platinum electrode, DM143-SC, with integrated glass sleeve	-	-	S7 screw cap, detachable cable	0...+80	1	661-1002

Description	Pk	Cat. No.
Accessories		
Standard beaker, PP, 100 ml	120	661-0175
Standard beaker, PP, 100 ml	480	661-0120
LEMO cable for electrode connection	1	661-0155
Glass beaker, 80 ml	20	661-0156
Compact printer USB-P25, with USB interface, for standard paper (57,5 mm)	1	661-0157
Interchangeable burette DV1005, 5 ml	1	661-0165
Interchangeable burette DV1020, 20 ml	1	661-0166
Replaceable protective sheet for touch screen	1	661-0097
Compact overhead stirrer with two propellers	1	661-0173
DPS Phototrode™ with 5 selectable wavelengths, for two-phase titrations, incl. Y cable and power supply unit	1	661-0174
USB cable 1.8 m for PC or printer	1	661-0103
Ink cartridge OKI B401d, black	1	661-0123