

**Automatic Titrators, TitroLine 7000****SI Analytics****Automatic Titrators, TitroLine® 7000**

Compact titrator with intelligent exchangeable units with automatic recognition of unit size and reagent data. Thanks to the modern USB- and additional RS232 interfaces, connection of printer, balance and further accessories are possible at the same time. The brilliant, very high-contrast TFT-display allows the easy parameterisation and tracking of the titration curve.

Supplied with:

TL 7000-M1/10: basic unit with magnetic stirrer TM 235 and 10ml exchangeable unit WA 10, incl. amber glass bottle for titration reagent, GL 45 and S 40-bottle adapter, tubes, drip off tube and titration tip.

TL 7000-M1/20: basic unit with magnetic stirrer TM 235 and 20ml exchangeable unit WA 20, incl. amber glass bottle for titration reagent, GL 45 and S 40-bottle adapter, tubes, drip off tube and titration tip.

TL 7000-M1/50: basic unit with magnetic stirrer TM 235 and 50ml exchangeable unit WA 50, incl. amber glass bottle for titration reagent, GL 45 and S 40-bottle adapter, tubes, drip off tube and titration tip.

TL 7000-M2/20: basic unit with magnetic stirrer TM 235 and 20ml exchangeable unit WA 20, incl. amber glass bottle for titration reagent, GL 45 and S 40-bottle adapter, tubes, drip off tube and titration tip. With pH-combination electrode IL-pHT-A120MF-DIN-N and buffer set.

Technical specification

Measuring input pH/mV: pH/mV-input with DIN or BNC socket, TitroLine® 7000

additionally with ID function for automatic detection of electrode

Measuring input Dead Stop: μ A-input for double platinum electrode (socket 2 x 4mm), pole voltage adjustable

Temperature: for resistance probes Pt 1000 (socket: 2 x 4mm)

Interfaces: 3 x USB (2 x USB-A und 1 x USB-B), 2 x RS-232-C, 1 x LAN

Stirrer connection: TM 235 or alternative paddle stirrer

Keyboard: The unit is operated using the keys on the device itself., the controller TZ 3880 and optional PC-keyboard (USB)

Display: graphics-capable 3,5" TFT display

Exchangeable units: 5, 10, 20ml or 50ml exchangeable units with reagent recognition

Burette resolution: 20000 steps

Dosing accuracy: systematic error 0.15%, random error 0.05-0.07% in compliance with EN ISO 8655-6

Supply requirements: 100-240V; 50/60Hz



Conformity: ISO 8655, part 6
CE-mark: EMC: 2004/108/EG; safety EG- Directive 2006/95

Code	Description	Packaging
LLG09863160	Automatic Titrators, TitroLine® 7000, Type TL 7000-M1/10, With 10ml exchangeable unit	1 pz.
LLG09863161	Automatic Titrators, TitroLine® 7000, Type TL 7000-M1/20, With 20ml exchangeable unit	1 pz.
LLG09863162	Automatic Titrators, TitroLine® 7000, Type TL 7000-M1/50, With 50ml exchangeable unit	1 pz.



Code	Description	Packaging
LLG09863163	Automatic Titrators, TitroLine® 7000, Type TL 7000-M2/20, With 20ml exchangeable unit and pH Electrode	1 pz.



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