



Motor-driven piston burette TITRONIC 500

SI Analytics

Motor-driven piston burette TITRONIC® 500

Motor-driven piston burette with intelligent exchangeable dosing units with automatic recognition of unit size and reagent data. Besides manual titration and highly precise dosing tasks the TITRONIC® 500 can also be used for the preparation of solutions by entering the weights. The connection of an analytical balance allows the easy automatization of the solution preparation. The TITRONIC® 500 can be completely controlled from a PC via the USB- or RS-232-interface. Up to 16 burettes can be connected to one another via the RS232 interface according to the daisy chain principle.

T 500: TITRONIC® 500 basic unit without magnetic stirrer, with stand rod TZ 1510, titration clamp Z 305, controller TZ 3880, power supply 100 - 240 V

T 500-M1: TITRONIC® 500 basic unit with magnetic stirrer TM 235, with stand rod TZ 1510, titration clamp Z 305, controller TZ 3880, power supply 100 - 240 V

T 500-M2/20: TITRONIC® 500 basic unit with magnetic stirrer TM 235 and exchangeable unit WA 20, with stand rod TZ 1510, titration clamp Z 305, controller TZ 3880, power supply 100 - 240 V

Technical specification

Interfaces: 3x USB (2 x USB A and 1x 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

Volume display: 00.00 to 999.9ml

Display resolution: 0.001ml (depending on exchangeable unit)

Dosing speed: max. 100ml/min (with 50ml unit)

Filling speed: min. 20 to 999 sec adjustable (time according to the cylinder volume)

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% in compliance with EN ISO 8655-6

Netzanschluss: 100-240V; 50/60Hz

Conformity: ISO 8655, part 6

CE-mark: EMC: 2004/108/EG; safety EG- Directive 2006/95



Code	Description	Packaging
LLG09863210	Motor-driven piston burette TITRONIC® 500, Type T 500, Basic unit	1 pz.
LLG09863212	Motor-driven piston burette TITRONIC® 500, Type T 500-M2/20, With magnetic stirrer and 20ml exchangeable unit	1 pz.
LLG09863211	Motor-driven piston burette TITRONIC® 500, Type T 500-M1, With magnetic stirrer	1 pz.



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