

xylem



TITRONIC® 500

BROCHURE
XA00003

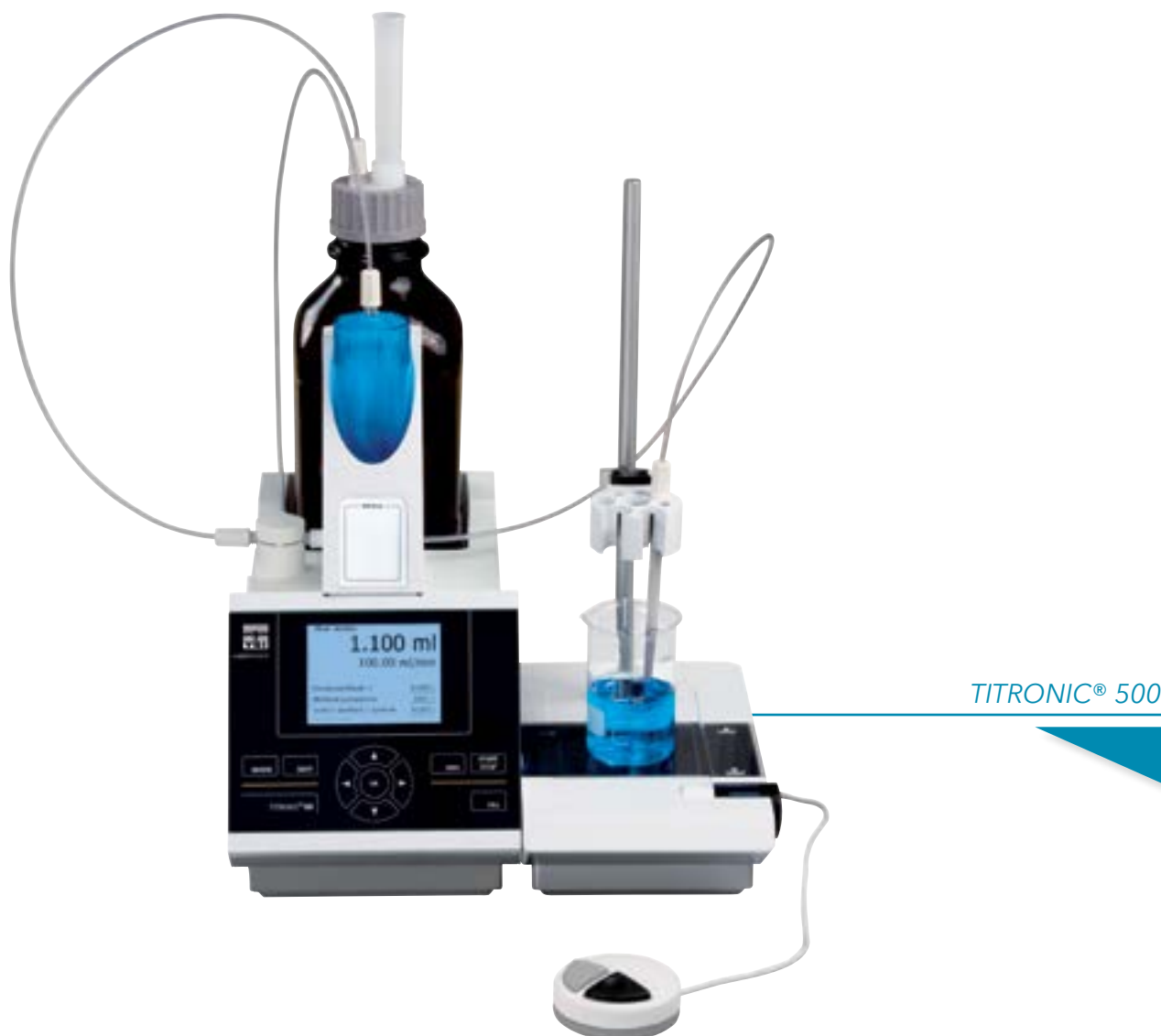


a xylem brand

TITRONIC® 500

The class A upgrade

The TITRONIC® 500 is the ideal piston burette for manual titrations, accurate dosing applications, as well as the preparation of solutions. When used with TitriSoft 3.3, it acts as a titration burette. With the TitroLine7000 and TitriSoft 3.3, it becomes an automatic dosing unit, perfect to pre dose a titrant.



Features of the TITRONIC® 500 include:

- ▶ Intelligent interchangeable modules with 5, 10, 20 and 50 mL volume capacity
- ▶ Connection to a printer and/or an analytical balance
- ▶ Remote control access via RS232 or USB interface
- ▶ Connection of up to 16 devices using one USB or RS232 port of a PC with the two integrated RS232 interfaces (Daisy Chain)

Features
TITRONIC® 500

Ordering information - TITRONIC® 500

Type No.	Order No.	Description
T 500 YSI	285230180	T 500 YSI Manual Titrator/Digital Burette Basic unit without magnetic stirrer, with stand rod and titration clamp Z 305, controller TZ 3880, power supply 100-240 V
T 500 YSI M1	285230190	T 500 YSI M1 Manual Titrator/Digital Burette Basic unit with magnetic stirrer TM 235, with stand rod and titration clamp Z 305, controller TZ 3880, power supply 100-240 V
T 500 YSI M2/20	285230200	T 500 YSI M2/20 Manual Titrator/Digital Burette Basic unit with magnetic stirrer TM 235 and 20 ml exchangeable unit WA 20, with brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip

Electrodes, exchangeable units and further accessories must be ordered separately

Specifications - TITRONIC® 500

	Features
Display	3.5 in -1/4 VGA TFT display with 320x240 pixels
Number of user methods	15
Burette resolution (steps)	20,000
Display resolution / Accuracy μ A (without sensor)	0.1 / 0.2 $\pm$ 1 digit
Interfaces	1 x LAN, 2 x USB-A, 1 x USB-B, 2 x RS232
Balance connection	RS232
Printer (USB-A)	HP PCL, Seiko DPU S445, PDF
Housing material	Polypropylene
Front keyboard	Polyester coated
Housing dimensions	15.3 x 45 x 29.6 cm (W x H x D) height with interchangeable unit
Ambient conditions	Ambient temperature: + 10 to + 40 °C for operation and storage
Weight	2.3 kg for basic unit 3.5 kg for complete device incl. interchangeable unit (with empty reagent bottle, without magnetic stirrer or TM 235 KF)
Intelligent interchangeable modules (5, 10, 20, and 50 ml) material	Valve: PTFE/ETFE Cylinder: borosilicate glass 3.3 (DURAN®); Hoses: FEP, blue
Dosing accuracy according ISO 8655, part 3	Accuracy : 0.15 % Precision: 0.05 - 0.07 % (Depending on the used interchangeable unit)

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