

Piston Burettes TITRONIC® 300, SI Analytics



SI Analytics
a xylem brand

Piston burette with 20 or 50 ml dosing unit

For manual titration and highly precise dosing. The TITRONIC® 300 can be fully controlled from the PC via a USB or RS-232 interface. Up to 16 burettes can be connected and controlled in a series („daisy chain“ principle).

Technical data:

Interface:	1 × USB A and 1 × USB B, 2 RS-232-C
Stirrer connection:	TM 50, power supply directly by the titrator
Keypad port:	operated by the keys on the unit, hand control element TZ 3880 and with an optional PC keyboard (USB)
Display:	graphics-enabled TFT display
Volume display:	00.00 to 999.999 ml
Display resolution:	0.005 – 0.025 ml (depending on attachment)
Dispensing speed:	max. 100 ml/min (with 50 ml dispensing unit)
Fill time:	30 s to 240 s adjustable (time proportional to cylinder volume)
Dispensing units:	20 ml or 50 ml dispensing units are exchangeable
Burette resolution:	8,000
Dosage accuracy:	systematic measurement deviation 0.15%, random measurement deviation 0.05%, determined according to EN ISO 8655, part 3
Power supply:	100-240 V, 50/60 Hz
Conformity:	ISO 8655, part 6
CE-mark:	EMV: 2004/108/EG; Safety EC-Directive 2006/95

Article	Order No.
TITRONIC® 300 without magnetic stirrer, T 300/20 M1	10 27 15800
TITRONIC® 300 basic unit with 20 ml dispensing unit, manual switch, titration clamp, stand rod and power supply 100–240 V	

Article	Order No.
TITRONIC® 300 without magnetic stirrer, T 300/50 M1	10 27 15810
TITRONIC® 300 basic unit with 50 ml dispensing unit, manual switch, titration clamp, stand rod and power supply 100–240 V	

Article	Order No.
TITRONIC® 300 with magnetic stirrer, T 300/20 M2	10 27 15820
TITRONIC® 300 basic unit with 20 ml dispensing unit, manual switch, titration clamp, stand rod, magnetic stirrer TM 50 and power supply 100–240 V	

Article	Order No.
TITRONIC® 300 with magnetic stirrer, T 300/50 M2	10 27 15830
TITRONIC® 300 basic unit with 50 ml dispensing unit, manual switch, titration clamp, stand rod, magnetic stirrer TM 50 and power supply 100–240 V	

Accessories for TITRONIC® 300

Article	Order No.
TM 50, magnetic stirrer	10 27 15840
TZ 3835, mini USB keyboard	10 27 10410
TZ 3830, USB-HUB	10 27 10420
TZ 3803, amber reagent bottle, 1 l	10 27 10590

