

Piston Burettes, Schott-Instruments

① TITRONIC® basic piston burette

The precise and easy alternative to bottle-tap and classical glass burettes. For all manual titration operations in the laboratory. Thanks to the new motor-controlled 3/2-way valve, the TITRONIC® basic can be used for all standard aqueous and non-aqueous titration reagents in the laboratory.

Technical data:

Hardware

Interface:	RS-232-C for connecting to a serial printer or a PC
Stirrer connection:	Plug connection with integrated low-voltage power supply for TM 96 magnetic stirrer
Keypad port:	For TZ 3680 hand control element
Display:	4-line LCD- display
Volume display:	00.00 to 999.9 ml
Display resolution:	0.01 ml
Cylinder:	20 ml DURAN® cylinder with UV protection
Burette resolution:	1/8.000
Dosage accuracy:	Systematic measurement deviation of 0.1%, random measurement deviation of 0.05%, determined in accordance with EN ISO 8655, Part 3
Mains connection:	230 V%; 50/60 Hz or 115 V%; 50/60 Hz
Conformity:	ISO 8655, Part 6
CE mark:	In accordance with Guideline 89/336/EEC of the Council and Guideline 72/23/EWG

Article	Order No.
TITRONIC® basic module 1	74 27 12572
Items supplied: TITRONIC® basic with 20 ml dispensing top, titration tip with TZ 3650 hose, TZ 3665 support rod, TZ 3660 electrode/titration tip holder, TZ 3680 hand control element	

Article	Order No.
TITRONIC® basic module 2	74 27 12823
Items supplied: same as module 1, plus TM 96 magnetic stirrer	

② TITRONIC® universal piston burette

Technical data:

Hardware

Interface:	2 RS-232-C for connection to a serial printer, PC or additional TITRONIC® universal piston burettes
Stirrer connection:	Plug connection with integrated low-voltage power supply for TM 96 magnetic stirrer
Keypad port:	Operation is controlled by 6 buttons on the device and by the TZ 3680 hand control element
Display:	4-line LCD display
Volume display:	00.00 to 999.9 ml
Display resolution:	0.01 ml
Dosage speed:	0.1 to 40ml/min (with a 20 ml dosage unit) 0.1 to 100 ml/min (with a 50 ml dosage unit)
Fill time:	30 s to 999 s adjustable (time proportional to cylinder volume)
Pretitration volume:	0.1 to 99.99 ml
Incremental volume:	0.01 to 999.99 ml
Waiting time between the increments:	0.1 to 999.9 s
Cylinder:	20 ml or 50 ml DURAN® cylinder with UV protection
Burette resolution:	1/8,000
Dosage accuracy:	Systematic measurement deviation 0.1%, random measurement deviation 0.05%, determined in accordance with EN ISO 8655, Part 3
Mains connection:	230 V%; 50/60 Hz or 115 V%; 50/60 Hz
Conformity:	ISO 8655, Part 6
CE mark of conformity:	in accordance with Guideline 89/336/EEG of the Council and Guideline 72/23/EWG

Article	Order No.
TITRONIC® universal 20 ml module 1, 230 V	74 27 12429
Items supplied: TITRONIC® basic with 20 ml dispensing top, titration tip with TZ 3650 hose, TZ 3665 support rod, TZ 3660 electrode/titration tip holder, TZ 3680 hand control element	

Article	Order No.
TITRONIC® universal 20 ml module 2, 230 V	74 27 12437
Items supplied: same as module 1, plus TM 96 magnetic stirrer	

Article	Order No.
TITRONIC® universal 50 ml module 1, 230 V	74 27 12445
Items supplied: see 20 ml module 1	

Article	Order No.
TITRONIC® universal 50 ml module 2, 230 V	74 27 12494
Items supplied: same as module 1, plus TM 96 magnetic stirrer	



Accessories for TITRONIC® basic and universal

Article	Order No.
TZ 2004, bottle set for titrating agent	74 27 21047
With GL45 adapter and 1 l amber glass bottle	
TZ 2008, adapter	74 27 21088
For reagent bottles with S 40 thread	
TZ 3460, RS-232-C printer incl. printer cable	74 27 25608
TZ 3680, hand sensor	74 27 27506
TM 96, Magnetic stirrer	74 27 23253

