

Titration and Burettes

T 300 / T 500 / WA'S / TL 5000 / TL 7000

Introduction

The following information summarizes each of the Titrators and supporting Burettes.

Models included are:

- Titronic 300 (T 300)
- Titronic 500 (T 500)
- Interchangeable Burettes (WA's)
- TitroLine 5000 (TL 5000)
- TitroLine 7000 (TL 7000)



Titronic 300 (T 300)

The Titronic 300 is a manual titrator →NO electrode port, so it cannot do auto titrations. Typically used for accurate dosing of chemicals or manual titrations.

- Burette options are 20 ml and 50 ml.
- Designed for use with just one chemical. Burette is removable, but must be taken apart and cleaned/ dried very well. If customer has more than one chemical they want to use this for, we recommend going with the Titronic 500.
- Options for ordering vary in burette size and whether or not stirrer is required by customer (most times it is).
- Relevant part #s (9 digit item code, name in parenthesis):

285230020 (T300/20 YSI M1)	285223718 (TZ 3130)	285223767 (TZ 3160)
285230030 (T300/20 YSI M2)	285220540 (Z 305)	285225840 (TM 50)
285230060 (T300/50 YSI M1)	285220530 (TZ 3880)	285223007 (TZ 3000)
285230070 (T300/50 YSI M2)	285224303 (TZ 3280)	285223007 (TZ 3000)

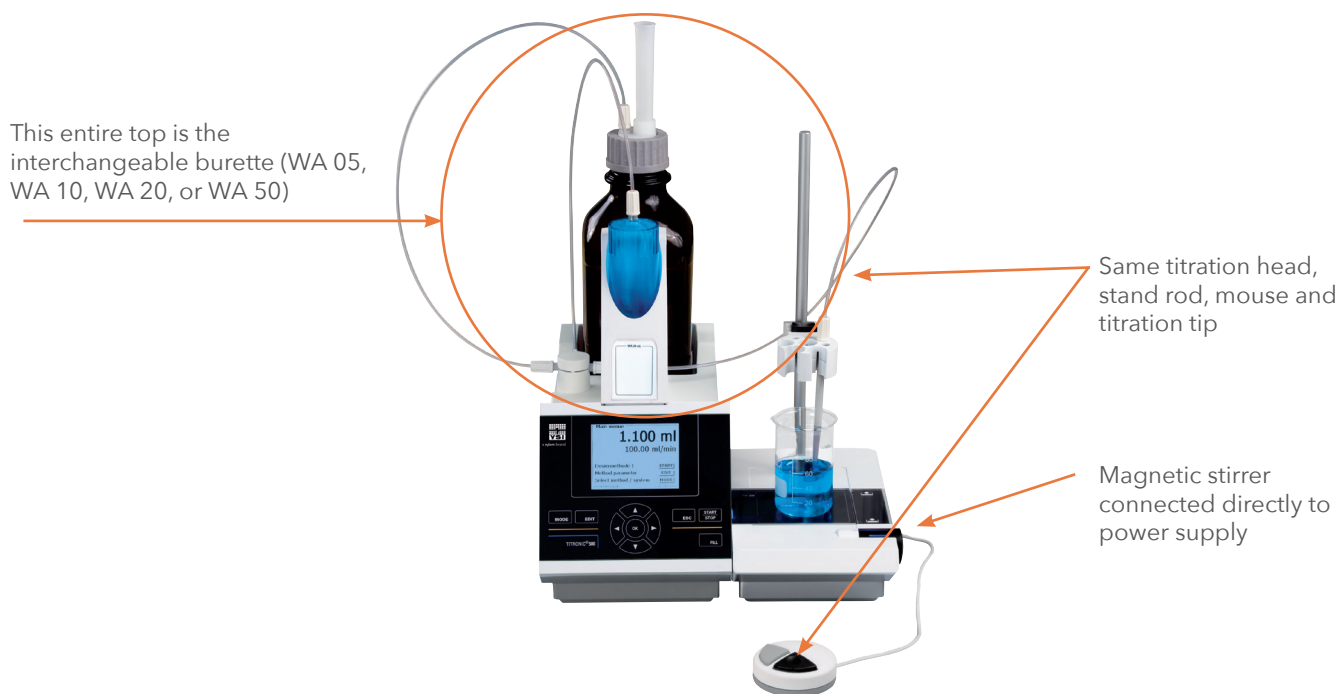


Titronic 500 (T 500)

The Titronic 500 is similar to the Titronic 300 as far as applications.

- This “body type” utilizes the interchangeable burettes, otherwise known as the “WA’s”. Size of these burettes vary: 5 ml, 10 ml, 20 ml, and 50 ml.
- Difference here is that the burette is interchangeable (modular/easy slide on and off).
- This unit is designed for dosing/manual titrations just like the Titronic 300 but can be used for multiple chemicals (customer purchase as many interchangeable burettes as they need).
- Relevant part #s (9 digit item code, name in parenthesis):

285230180 (T 500 YSI basic w/o stirrer)	285220400 (TM 235)	285220300 (WA 05)
285230190 (T 500 YSI-M1)	285220540 (Z 305)	285220310 (WA 10)
285230200 (T 500 YSI-M2/20)	285220530 (TZ 3880)	285220320 (WA 20)
		285220350 (WA 50)



Interchangeable Burettes (WA's)

This is the model name of the interchangeable/modular burettes.

- Available in 5 ml, 10 ml, 20 ml, and 50 ml options
- Used with the following model devices:
 - T 500
 - TL 7000 (all series)
 - TL 7500 KF
- Relevant part #s (9 digit item code, name in parenthesis):

285220600 (TZ 3805)	285220620 (TZ 3820)	285220450 (TZ 3870)
285220650 (TZ 3905)	285220670 (TZ 3920)	285223007 (TZ 3000)
285220610 (TZ 3810)	285220630 (TZ 3850)	285227263 (TZ 3656)
285220660 (TZ 3910)	285220680 (TZ 3950)	285220520 (TZ 3875)



TitroLine 5000 (TL 5000)

The TitroLine 5000 is the simplest autotitrator we offer.

- Electrode can be quoted separately (must be DIN connection) or as part of bundle (see relevant part #s below)
- "Body type" is identical to the T 300
- Applications include simple EQ (Equivalence point) or EP (end point) titrations
- This unit is designed to use one titrant since burette is not interchangeable
- Limitations:
 - o Cannot connect to a PC
 - o Max detection of EP's and EQ's is 2
 - o Cannot use sample changer/autosampler with this model
- Relevant part #s (all other parts are the same as T 300)

285230100 (TL 5000/20 YSI M1)	285230150 (TL 5000/50 YSI M1)
285230110 (TL 5000/20 YSI M2)	285230160 (TL 5000/50 YSI M2)
285230120 (TL 5000/20 YSI M3)	285220410 (TZ 3835)
285220590 (TZ 3803)	



Notice this looks identical to the T 300 photo earlier, but with the addition of an electrode here.

TitroLine 7000 (TL 7000)

The TitroLine 7000 is our flagship titrator, the most commonly sold.

- Can satisfy 95% of applications that we work with
- Has all the same parts as the T 500
- Only difference in parts from T500 is that this unit can have an electrode plugged in
- At this level, it can communicate with Titrisoft and sample changer
- Refer to catalog or other spec sheets for recommended electrodes



Xylem Inc.
1725 Brannum Lane
Yellow Springs, Ohio 45387

Application/Technical Support:
+ 1-845-258-1200
titration.yxi@xylem.com

Ordering:
+1-937-767-7241
orders@ysi.com