

4.1 TITRONIC® 500: The piston burette for all situations

The TITRONIC® 500 is the ideal piston burette for manual titrations, accurate dosing applications as well as the preparation of solutions. When used with TitrSoft 3.3, it acts as a titration burette or with the TitroLine®7000 and TitrSoft 3.3, it is an automatic dosing unit perfect to pre-dose a titrant.

Important features:

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



Manual Titration

It is true that the automatic titration is gaining ground, but manual titration remains one of the standard cost effective applications in the lab. Everywhere high precision and flexibility are required; a piston burette with an interchangeable dosing module is the best choice.

Important features:

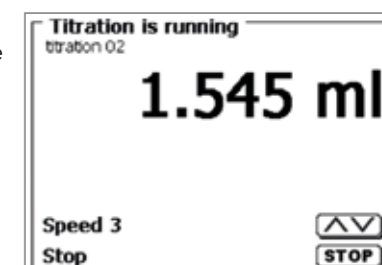
- Titration using the manual controller dosing buttons.
- Titration rate can be adjusted to optimize titration speed and accuracy.
- Programmable automatic calculations, printer ready.
- Automatic weight recording when balance is connected.

Dosing

Besides titration, there are various routine dosing tasks that must be performed in the lab.

Important features:

- Control dosing using the manual controller and the dedicated keypad.
- Adjustable dosing and filling rates optimize speed and accuracy.
- Store dosing methods with different parameters.



Solutions preparation

A special sample preparation mode is available on the TITRONIC® 500 where a reagent is dosed into a sample until the required concentration is reached. The sample is weighed, the dosing volume is determined. The volume can then be automatically added to the sample. This mode is used for e.g. preparing standard and sample solutions for viscometry.

Important features:

- Adjustable dosing and filling speed.
- Dosing volume is automatically calculated without additional PC software.
- Several methods with different parameters can be stored.
- Automatic weight recording when balance is connected.

