







E-BURETTE

Microlit E-BURETTE is a state-of-the-art Motor Operated Burette built by our in-house team of product design engineers, it offers a host of features like Motor Controlled Piston Movement, a touch screen enabled Control Panel with an intuitive graphical user interface (GUI), and 3 Calibrated Pre-Set Speeds to perform highly accurate titrations. Microlit E-BURETTE is widely used in industries like Pharmaceutical, Environmental Monitoring and Food & Beverages. It exhibits excellent chemical compatibility and helps in performing precise titrations with reliability in practical laboratory environments.

-  **Work Accurately with 3 Calibrated Pre-set Speeds**
-  **Quick Set Feature allows last saved vol. dispensing**
-  **One Touch, One Drop Feature**
-  **Internal Memory to Store upto 20 Readings at a Time**
-  **Perform Quick Titrations with TFT Touchscreen**
-  **Digital Reading for Error Free and Point Recording**
-  **Equipped with 5 adapters that fit most lab reagent bottles**
-  **High and Consistent Accuracy through Motor Driven Piston**



Achieve Remarkably Accurate and Better Results than CLASS-A Glass Burettes

- ▶ **It Offers 3 Pre-set Speeds for Dispensing**
The instrument comes with 3 individually calibrated Pre-set Speeds, including dropwise dispensing.
- ▶ **It Offers Motor Controlled Piston Movement**
In conventional Digital Burettes, dispensing is done 'manually' with the help of a rotating wheel, whose speed of rotation is not fixed and varies from user to user. Any abrupt changes in the speed may result in inaccurate and imprecise results.
- ▶ **It is equipped with One Touch, One Drop Feature**
The dispensing feature will make your titration experience better than before. It is the first of its kind.

Burette Model	Mode	Speed
50 ml	Fast	3.8ml/sec
	Medium	1.3ml/sec
	Dropwise	10 ul/click
25 ml	Fast	2.1ml/sec
	Medium	0.7ml/sec
	Dropwise	10 ul/click
10 ml	Fast	1.2ml/sec
	Medium	0.2ml/sec
	Dropwise	5 ul/click

New Upgrades Designed to Enhance Your Lab Experience



Quick Set Feature
This new addition allows for automatic dispensing of the last saved volume to boost efficiency during titrations.



Portable Dot Matrix Printer
We are introducing portable printer integration as optional, enabling printing upto 20 readings at once.

Model No. TI-PR



3-Speed Individual Recalibration
One can perform recalibration at fast, medium and dropwise speeds. This flexibility ensures accuracy tailored to your specific requirements.



USFDA 21 CFR Part 11 Software
This software is optional, designed to streamline titration experiments with data security, multi-step authentication.

Model No. TI-SW-S

Specifications and Ordering Information

Model No.	Capacity (ml)	Increment (ml)	Accuracy		CV	
			±%	±ml	±%	±ml
TI-10	10	0.005	0.10	0.01	0.1	0.01
TI-25	25	0.01	0.07	0.0175	0.05	0.0125
TI-50	50	0.01	0.05	0.025	0.05	0.025

The error limits (Accuracy and Coefficient of Variation) mentioned above are in accordance with the nominal capacity (or maximum volume) indicated on the instrument. These are obtained by using the instrument with distilled water at equilibrium, the ambient temperature of 20 °C while operating it smoothly and steadily. The error limits are in accordance with DIN EN ISO 8655-2.

Assured Quality with ISO 8655 Conformed Calibration

This product is calibrated in an ISO 17025 accredited laboratory according to ISO 8655 standards. A calibration certificate is included inside the product package.