ULTIMUS

Bottle Top Dispenser

To ensure the longevity of the internal wetted components and prevent potential damage, it is advisable to rinse a Bottle Top Dispenser regularly with distilled water after dispensing strong acids. However, traditional dispensers require removal from the bottle for rinsing, which demand time, efforts and a compromise with safety. ULTIMUS Bottle Top Dispenser addresses this challenge with its patented Dual Inlet® Technology that enables users to perform rinsing without removing the dispenser from the acid bottle. This unique patented technology also allows for Dilution, Bottle Refilling, and the convenience of Multi Chemical Dispensing. With ULTIMUS, users can streamline their processes and enjoy the benefits of efficient rinsing and versatile dispensing capabilities.

EasyKnob® For An Effortless Volume Adjustment

Dual Inlet® Technology – Perform Rinsing, Dilution, Bottle Refilling, and Multi Chemical Dispensing

High Chemical Compatibility with Inert Materials Like PTFE, PFA & Borosilicate Glass

FlexiNozzle® For Adjusting The Dispensing Angles

Six Adapters Ensuring Fitment with Most of Reagent Bottles

Four Caps For The Second Reagent Bottle

Telescoping Inlet Tube For Bottles of Various Sizes

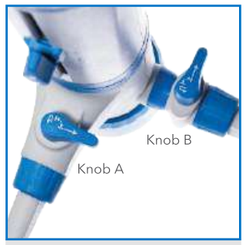
Fully Autoclavable at 121°C at 15 Psi for a duration of 15-20 mins

Enhance Your Productivity with Four Modes of Operation

Standard Dispensing:

Knob A – Open
Knob B – Closed

In this mode, the dispenser dispenses the liquid normally into the receiver from the bottle it is mounted on.



Purging:

Knob A – Closed
Knob B – Closed

In this mode, the liquid is re-circulated into the same bottle on which the dispenser is mounted.

This process removes the air from the dispenser, without wasting any reagent.

Dilution/Rinsing/ Second Liquid Dispensing:

Knob A – Open
Knob B – Open

In this mode, the liquid from a second source can be dispensed into the receiver. The second liquid can be distilled water, thus allowing the user to rinse the instrument without dismounting it or dilute the reagent within the receiver.

Bottle Refilling:

Knob A – Closed
Knob B – Open

In this mode, the liquid from a second source can be used to refill the bottle without dismounting the dispenser.

Specifications and Ordering Information

Model No.	Vol. Range	Increment	Accuracy ±%	Accuracy ±ml	CV ±%	CV ±ml
ULT-2.5	0.25-2.5 ml	0.05 ml	0.5	0.0125	0.2	0.005
ULT-5	0.5-5 ml	0.1 ml	0.5	0.025	0.2	0.010
ULT-10	1-10 ml	0.2 ml	0.5	0.050	0.1	0.010
ULT-30	2.5-30 ml	0.5 ml	0.5	0.150	0.1	0.030
ULT-60	5-60 ml	1.0 ml	0.5	0.300	0.1	0.060

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 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.
A calibration tool is also included for quick in- lab re-calibration.

The precision and accuracy of our liquid handling instruments is twice better than industry standards.*