

BEATUS

Bottle Top Dispenser

Introducing BEATUS, a globally recognized Bottle Top Dispenser to fulfill most of your chemical handling needs. BEATUS ensures secure and accurate chemical dispensing, making it an efficient solution for various applications. Its standout feature is the Recirculation Valve, which intelligently directs the reagent back to the source bottle, allowing for quick purging and offering an additional layer of safety in diverse scenarios. BEATUS is also equipped with cutting-edge trademark registered technologies such as the Springless Valve®, EasyKnob®, and Flexi Nozzle®, ensuring compatibility with the widest range of chemicals and delivering unparalleled convenience. Experience the excellence of BEATUS for yourself.



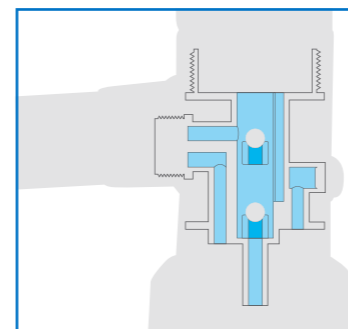
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Springless Valve® for A Wider Chemical Compatibility And Leakage Free Dispensing
- 
EasyKnob® For An Effortless Volume Adjustment
- 
Recirculation Valve For Directing The Reagent Back To The Source Bottle
- 
High Chemical Compatibility with Inert Materials Like PTFE, PFA & Borosilicate Glass
- 
FlexiNozzle® for Adjusting the Dispensing Angles
- 
Six Adapters Ensuring Fitment with Most of Reagent Bottles
- 
Telescoping Inlet Tube For Bottles of Various Sizes
- 
Fully Autoclavable at 121°C at 15 Psi for a duration of 15-20 mins

Purge & Avert Unintended Dispensing with Recirculation Valve



The Recirculation Valve offers users a convenient and economical solution for purging processes. By activating this valve, the reagent is directed back into the bottle, enabling the user to eliminate air from the dispenser while minimizing wastage. Additionally, the Recirculation Valve serves as a safety feature, effectively preventing any unintentional dispensing accidents. In cases where the user mistakenly aspirates liquid into the dispenser due to incorrect volume settings, the recirculation valve comes handy by allowing the reagent to be returned to the source bottle.

Enhance Your Productivity With Springless Valve®



Discover the unrivaled Springless Valve® technology of Microlit Bottle Top Dispensers, revolutionizing your chemical dispensing experience. Our vertically integrated inlet and outlet valve system operates without springs, relying on the force of gravity for a superior performance. Enjoy an extensive chemical compatibility without the need of exploring different dispensers owing to metal and chemical reactivity. Bid farewell to potential leakages caused by chemical deposition on traditional dispenser springs. Springless Valve® ensures a leakage free and seamless dispensing experience, making Microlit Bottle Top Dispensers the preferred choice across various industries.

Specifications and Ordering Information

Model No.	Vol. Range	Increment	Accuracy		CV	
			±%	±ml	±%	±ml
BEAT-2.5	0.25-2.5 ml	0.05 ml	0.5	0.0125	0.2	0.005
BEAT-5	0.5-5 ml	0.1 ml	0.5	0.025	0.2	0.010
BEAT-10	1-10 ml	0.2 ml	0.5	0.050	0.1	0.010
BEAT-30	2.5-30 ml	0.5 ml	0.5	0.150	0.1	0.030
BEAT-60	5-60 ml	1.0 ml	0.5	0.300	0.1	0.060
BEAT-100	10-100 ml	1.0 ml	0.5	0.500	0.1	0.100

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