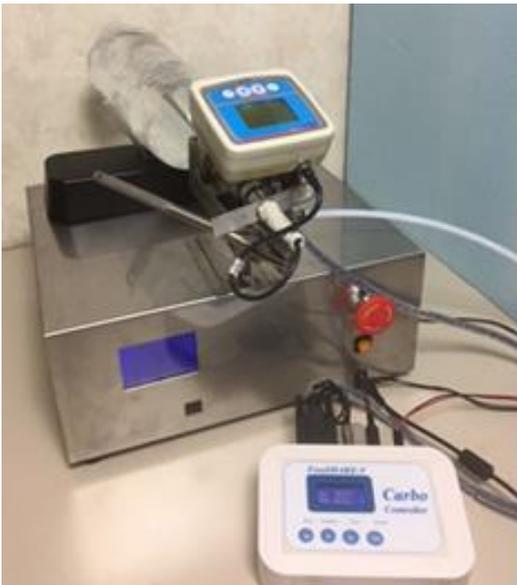


BQSL

Tabletop Mini Carbonator

FreeSHAKE—V CARBO



FreeSHAKE-V CARBO is a mini carbonator that assists your new product development of carbonated drinks. Accurate carbonation to the target gas volume will be available in a short time by a simple operation. Any size of package is applicable, from a small bottle less than 100ml to a big container over 3000ml.

Accurate Gas Volume for Trial Production!

For new product development, many samples are prepared to determine the best proportion of ingredients. However, gas volume may not be controlled accurately because carbonation is not easy. But....carbonation should be set at a target volume as it is a key factor to the taste of carbonated beverages.

FreeSHAKE-V CARBO carbonates the beverage that is filled in an appropriate package such as PET by using DGV-1 and FreeSHAKE-V. The beverage is carbonated by shaking just to the target gas volume since DGV-1 monitor the gas volume real time. The simple structure of FreeSHAKE-V CARBO allows you easier cleaning and sanitation of the unit. As only thermometer sensor and carbonation head touch to the beverage, you can continue the carbonation for many samples by cleaning of the carbonation head only, without any cross contamination. The aseptic carbonation is also possible as an optional set up.

The remarkable features are:

1. Equipped with DGV-1 which keeps measuring gas volume during carbonation, FreeSHAKE-V CARBO carbonates a sample to the target gas volume accurately.
2. With powerful shake of FreeSHAKE-V, designed to measure gas volume, carbonation is done in a short time.
3. You can carbonate any type of beverage, for example, beverage easy to foam, with solid objects, or of high viscosity.
4. Carbonation can be done around 3.0GV at room temperature, and more than 5.0GV if the beverage gets cooled.
5. Up to 350mm height/120mm diameter PET bottle can be used as long as the bottle finish size is 28mm.

- With optional parts for can head, special package including cans and glass bottles are applicable.
- If you want separate filling to small bottles, use BQSL High Gas Volume Pilot Plant, BPP-1 FSV. High accurate filling is possible with self-standing filler that prevents foaming.

For more information, please contact :

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