



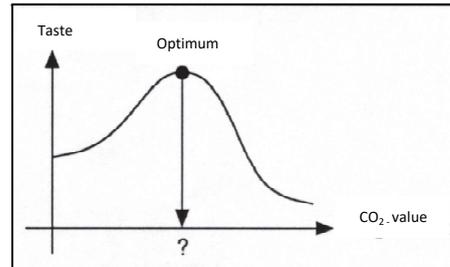
LCS 710 P Laboratory Carbonation System

Precise carbonation in single bottles

The quality enhancing properties of carbon dioxide are widely known within the beverage industry. Each beverage has its own specific content of CO₂ which taste and flavour are optimally developed.

Until now it has been complicated, requiring a lot of time and money to produce beverage samples with individual CO₂ content.

The LCS 710 P carbonates individual beverage samples with exactly pre-defined CO₂ content. The versatility of different carbonation settings helps to develop beverage samples for „sensoric“ testing, what ensures optimally created products.

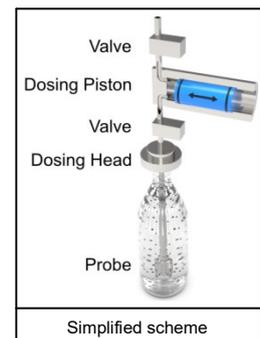


Benefits:

- ready for operation immediately after switching on
- Fully automatic function
- Menu driven input of bottle size and CO₂-value
- Automatically secured safety cage
- Very good repeatability and accuracy
- Reduced foaming of the beverage samples
- Automatic head space purging with CO₂ gas
- Optimized automatic cleaning program
- For glass bottles (option for PET-bottles and cans)

Operation:

An injection probe is pushed into the test bottle. Two sniff phases are used to remove air from the bottle head space. Through a dosing piston an exact quantity of CO₂ will be added to the beverage sample. Undissolved CO₂ will be „recycled“ until it's absorbed completely by the liquid.



Technical Data:

Max. bottle size	Glas: 390 mm (15 inch) PET: 350mm (13.5 inch)
Dosing capacity:	0,1 to 10 g/l (5 bar at 20°C)
Accuracy:	+/- 0,15 g/l
Max. bottle pressure:	7 bar (100 psi)
Power supply:	230V/50Hz / 115V/60Hz
Dimensions / weight:	560 x 610 x 280 mm (22 x 24 x 11 inch) / 33 kg

