STEINFURTH®

Auto-Sampler 380C

Automatic pressurized multiple beverage sampling

Routine sampling from beverage containers for analytical purposes may result in considerable strain for additional laboratory work. While sampling consists of a few simple movements, these have to be attentively performed and often every few minutes interrupt other tasks that require full concentration. Especially if great numbers of samples must be taken and the main analytical work is already semi-automated, manual operation of a sampling device poses an additional work time (= costs).

The Steinfurth Auto-Sampler AS 380C offers high efficient integration of measuring devices requiring beverage sampling with automatic multiple sampling from up to 12 containers.

INDUSTRIAL PHYSICS

Protecting Product Integrity

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Operation

The containers are conveyed to an automatic piercing device which pierces the bottle closure or the can and lowers a sampling probe into the liquid through which the sample is fed to the analyzer connected to the Auto Sampler. A certain sampling pressure is maintained all the time and prevents the sample from foaming or CO_2 loss.

A safety cabinet protects the user from injury hazards due to moving parts and from glass fragments, if a bottle bursts.

The Auto-Sampler AS 380C is able communicate with analyzers like the Steinfurth Foam Stability Tester or flow through instruments (for CO_2, O2, density...) via the Steinfurth Interface, synchronising automatic sampling and measuring.

Benefits

- **Easy automatic operation and loading**
- **Cost effective multiple sampling/measurement**
- **Integration of stand alone measuring instruments to automatic operated "Mini Lab"**
- **Automatic adaptation to different container sizes**
- **Time (= cost) reduction on QC operations**
- **Optional automatic sample scanning and data transfer to the LIMS**

Technical Specification

Max. Container size	Ø 110 mm x 380 mm
Container types	Glass bottles and cans / PET bottles
Power supply	230 or 115 VAC
Compressed air supply	7 bars / 101.5psi

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