STEINFURTH®
Electromechanical Measuring Systems

STEINFURTH AUTO-SAMPLER 380C-PET

…Automatic pressurized multiple beverage sampling

Routine sampling from beverage containers for analytical purposes may result in considerable strain for laboratory personnel. 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 stress factor and work time (= costs).
The Steinfurth Auto-Sampler AS 380C PET features automatic sampling from up to 12 bottles.

BENEFITS:

- Easy automatic operation and loading
- Cost efficient multiple sampling/measurement
- quick return of investment
- 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

OPERATION:

The PET containers are conveyed to an automatic piercing device which pierces the bottle closure 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 package fragments.
The Auto-Sampler AS 380C PET is able communicate with analyzers like the Steinfurth Foam Stability Tester or flow through instruments (for CO2, O2, density…) via the Steinfurth Interface, synchronising automatic sampling and measuring.

TECHNICAL DATA:

Max. container size	∅ 110 mm x 380 mm Up to 3 litres
Container types	PET bottles (up to 12 samples9
Power supply	230 or 150 VAC
Compressed air supply	7 bars / 101.5 psi
Dimensions (L x B x H in mm)	1160 x 760 x 2000
Interfaces	RS232, RS485, CAN-Bus

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