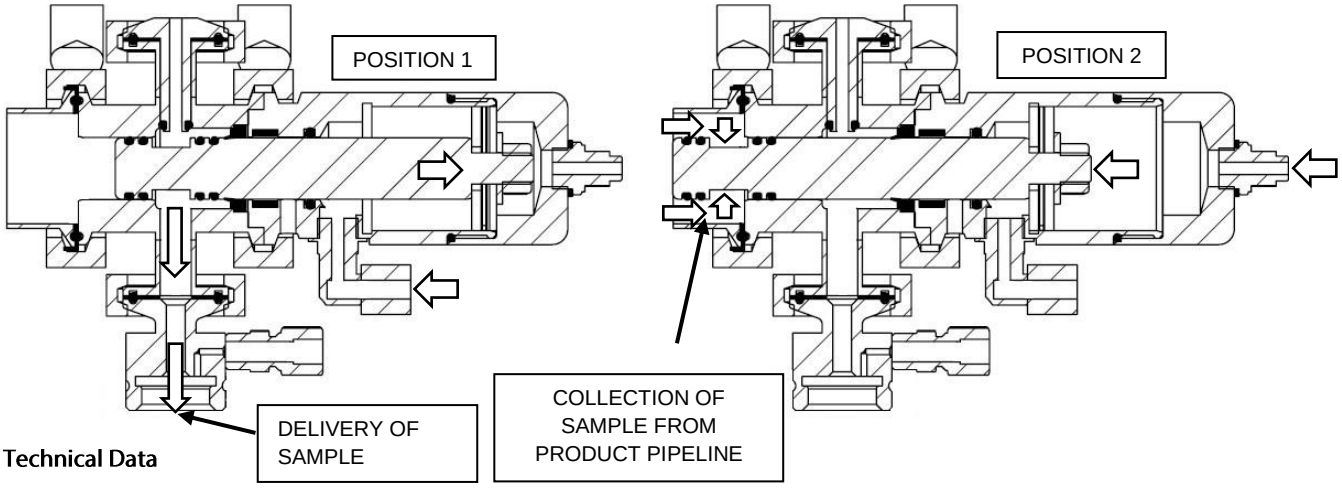
POUL TARP A/S
Jomfrulokken 4 • DK - 8930 Randers NO • Tel: +45 8642 5600 • www.poultarp.com

# Piston Sampler Type KS-LAC

## Function

The sampler makes it possible to take samples and aliquots continuously from liquids flowing through pipelines.
The piston moves from pos. 1 to pos. 2 and returns to pos. 1, holding a sample in the calibrated area between the sealing o-rings.
When the piston is in position 1, the sample is delivered via the sample pipe.
The volume of each sample stroke ranges from 0.5- 3.0cm³ depending on size of the piston.
The ratio of sample to flow rate is determined by the stroke frequency.




## Technical Data

| | |
|---|---|
| Sample volume per stroke between | 0.5 - 3.0 cm³ (Depends on size of piston) |
| Temperature of product | Max. 80 °C (While cleaning up to 100°C for a short time) |
| Pressure in the product pipeline | 0.5 - 7 bar (Absolute) |
| Number of strokes | Max 60 per min. |
| Air pressure | 4 - 6 bar |
| Air connection | Push-In fittings G1/4" for hose O.D ø6mm I.D ø4 |
| Pipe connection | Welded Clamp-fitting 1 1/2" |
| Bottle Thread | Standard GL25 & GL28, others on request |
| Cleaning and bottle connection | DN10 Clamps |
| Materials:<br>-Housing<br>-Piston<br>-O-rings and seals<br>-Cleaning Adapter | FCM according to Regulation EC 1945/2004 and EU 10/2011<br>AISI 304L<br>AISI 304L – Hard Chrome plated<br>NBR / EPDM<br>PEHD / POM / AISI 304L |

## Construction