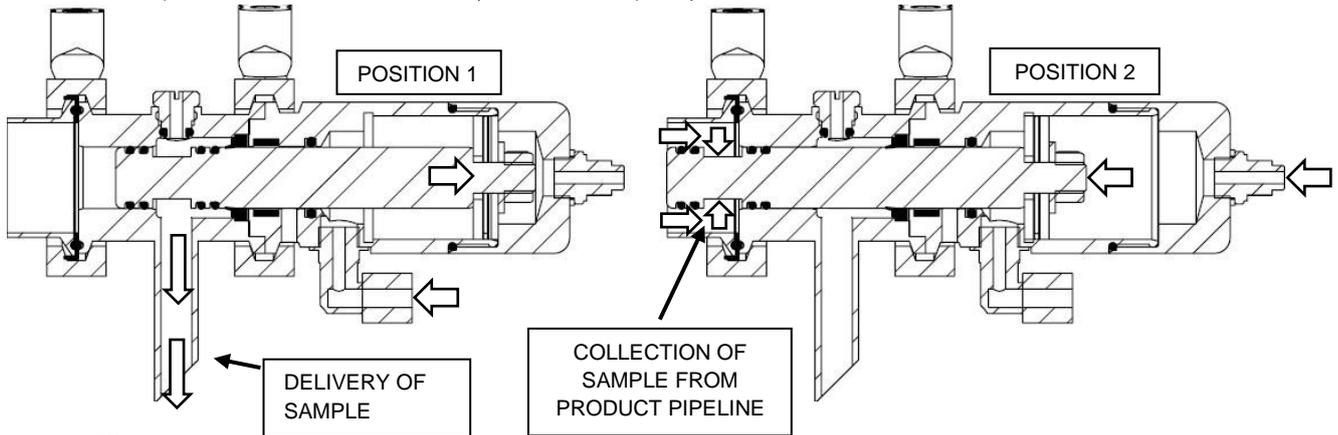




## Piston Sampler Type KS-P

### 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- 3.0cm<sup>3</sup> 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 cm <sup>3</sup> (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"
Cleaning connection	G1/4"
Materials:	FCM according to Regulation EC 1945/2004 and EU 10/2011
-Housing	AISI 304L
-Piston	AISI 304L – Hard Chrome plated
-O-rings and seals	NBR

### Construction

