



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

SENTRY ISOLOK MSA SAMPLER

Point Samplers

AUTOMATIC SAMPLING

The Sentry® ISOLOK® MSA automatic point sampler is designed for sampling sanitary products such as Grade A or industrial grade raw or processed milk.

The ISOLOK MSA can be used in a process line or on the wall of a vessel or reactor. It can also be installed on road tankers transporting liquid milk.

Users and university study data report typical butterfat tests within .02% of known values, with bacteria counts comparable to hand samples.

MODELS

ISOLOK MSA

BENEFITS

This sampler is conformant to 3-A Sanitary Standards (third-party verified) with a reliable, sanitary, easy-to-clean design with FDA-approved seals.

The sampler is powered by compressed air and operated by an electrical cycle controller that provides adjustable, time-based sampling rates. The controller circuit has been designed to provide an adjustable time delay before the sampler begins operation.

Other applications of this sampler include low-volume chemical sampling or biofuel/hydrocarbon sampling.

FEATURES

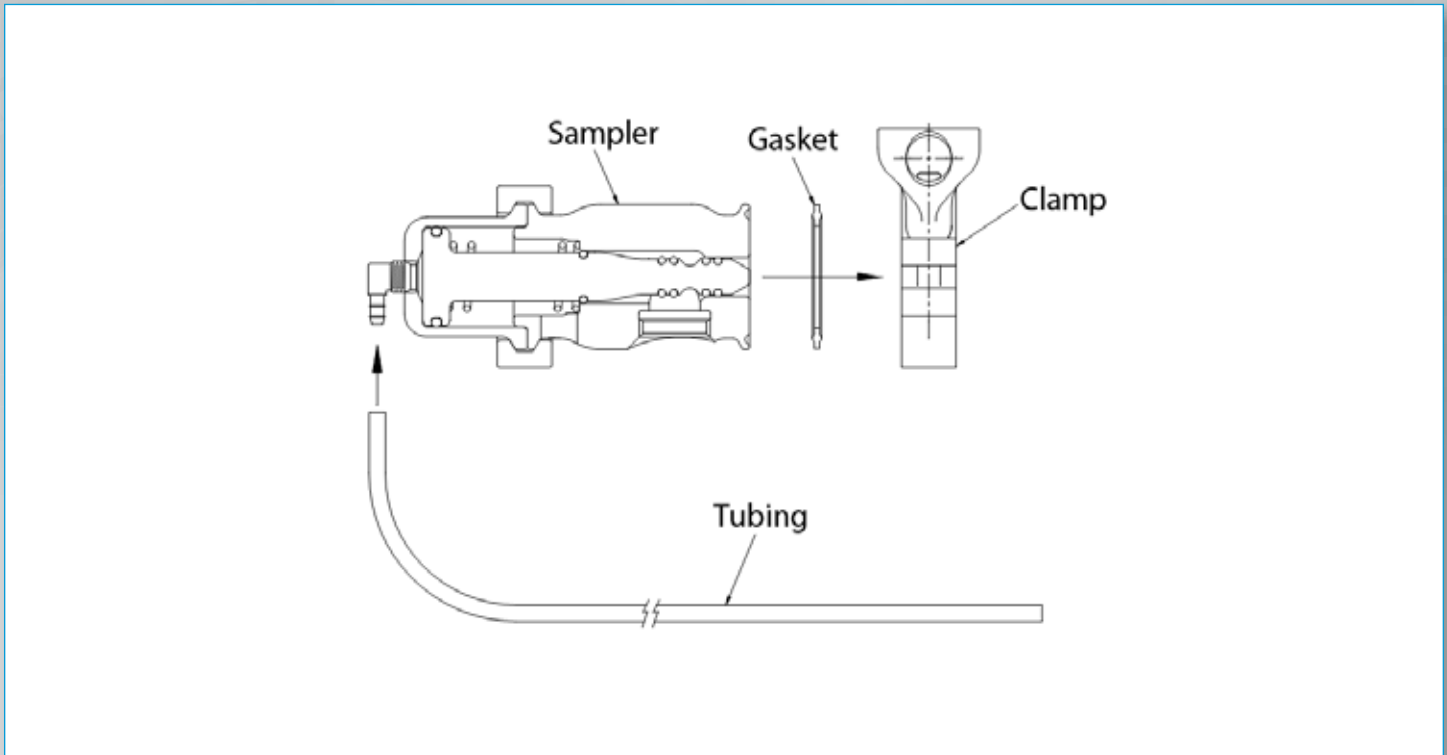
- Samples low- to medium-viscosity materials and discharges them by gravity
- Collects a fixed sample volume of 0.5 cc per cycle
- Conformant to 3-A Sanitary Standards through third-party verification
- Uses conventional dairy fittings to clamp-mount on any size line
- Options include port closures, line adapters, different container types, sampler enclosures (with or without heater), sample heating or refrigeration, optional construction materials and seal choices
- ATEX-compliant models available



Conforms to 3-A Sanitary Standards through Third-Party Verification (TPV)



Sample. Monitor. Measure.
SENTRY
Any Application. Anywhere.



SPECIFICATIONS

sample volume per cycle	0.5 cc
maximum cycle frequency	240 strokes per minute, depending on application
line mounting options	tri-clamp
materials	316 stainless steel/Buna-N; other seal materials available
sample temperature range	-40° to 500°F (-40° to 260°C), depending on seal material and duty cycle
ambient operating temperature range	-5° to 131°F (-20° to 55°C), depending on seal material
compressed air requirement	2 SCFM at 90 psi (.05 m ³ /min at 6.2 bar)
dimensions	4.75 in x 2 in (121 mm x 51 mm)
shipping weight	3.5 lb (1.5 kg)

sentry-equip.com

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