



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

SENTRY ISOLOK MSC SAMPLER

Point Samplers



AUTOMATIC SAMPLING

The Sentry® ISOLOK® MSC automatic point sampler enables representative sampling of medium-viscosity products such as cream or single-strength orange juice.

The ISOLOK MSC sampler delivers a fixed volume of sample with each cycle and includes direct mounting of wide-mouth labware plastic sample collection bottles (available in a variety of sizes).

MODELS

ISOLOK MSC

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 mounts onto the process line using a two-inch tri-clamp ferrule mount held with a clamp and gasket. Compressed air drives the sampler by forcing the plunger to reach into the process to capture a fixed volume of the material. Compressed air then acts on the opposite side of the piston to retract the plunger to a position that allows the sample to drop into a container. The operator is isolated from the process at all times by the sampler's seal design, and the sample captured in the container is locked out from external influences to provide a truly representative sample.

FEATURES

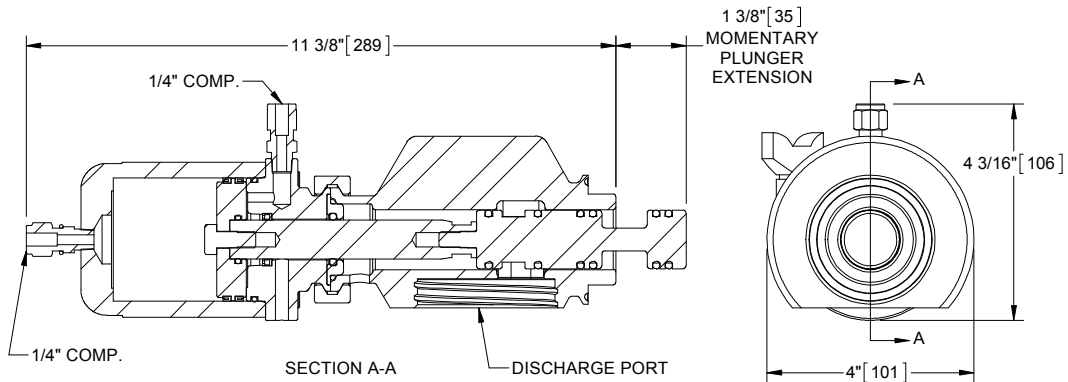
- Collects a fixed sample volume of 14 cc per cycle
- Conforms to 3-A Sanitary Standards through third-party verification
- Ideal for liquids or slurries up to 1,000 centipoise
- Options include port closures, line adapters, different container types, sampler enclosures (with or without heater), sample heating or refrigeration, optional materials of construction and seal choices for non-3A applications
- 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	14 cc
maximum cycle frequency	10 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	10.3 in x 4 in (26 cm x 10 cm)
shipping weight	16.6 lb (7.5 kg)



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QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =