



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



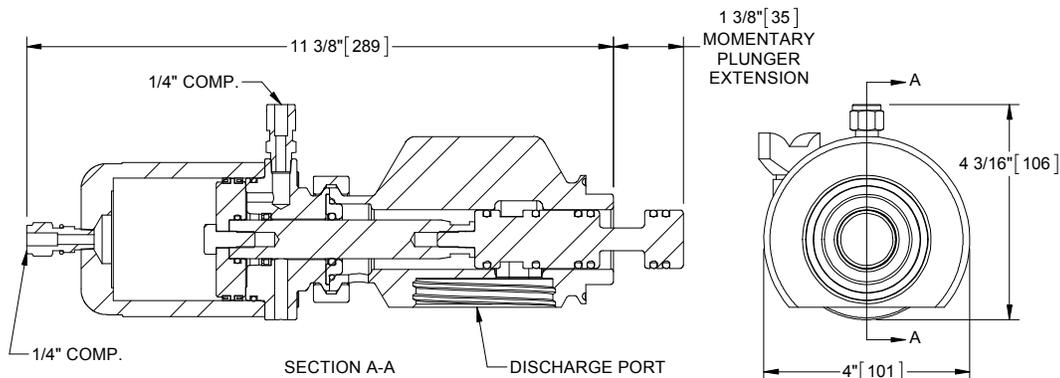
Conforms to 3-A Sanitary Standards through Third-Party Verification (TPV)



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 <sup>3</sup> /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)

[sentry-equip.com](http://sentry-equip.com)

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