



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

# SENTRY ISOLOK SAA SAMPLER

## Point Samplers

### AUTOMATIC SAMPLING

The Sentry® ISOLOK® SAA automatic point sampler provides representative samples of liquids and slurries such as waste acid, resin bead slurry, bauxite mud and raw municipal sludge.

The ISOLOK SAA sampler operates when compressed air forces the plunger into the process line to capture a fixed volume of material. Compressed air then acts on the opposite side of the piston to retract the plunger to a position which allows the sample to drop by gravity into a container.

#### MODELS

ISOLOK SAA

#### BENEFITS

The Sentry ISOLOK SAA sampler seal design isolates the operator from the process at all times, with the sample captured in the container "locked out" from external influences.

Metal parts of the sampler are made of 316 stainless steel; other alloys are available for varied applications and process conditions. Process contact seals are filled Teflon for chemical applications or wear-resistant elastomers for abrasive slurries. Modular components allow selection of various bodies and plungers to meet different process applications.

#### FEATURES

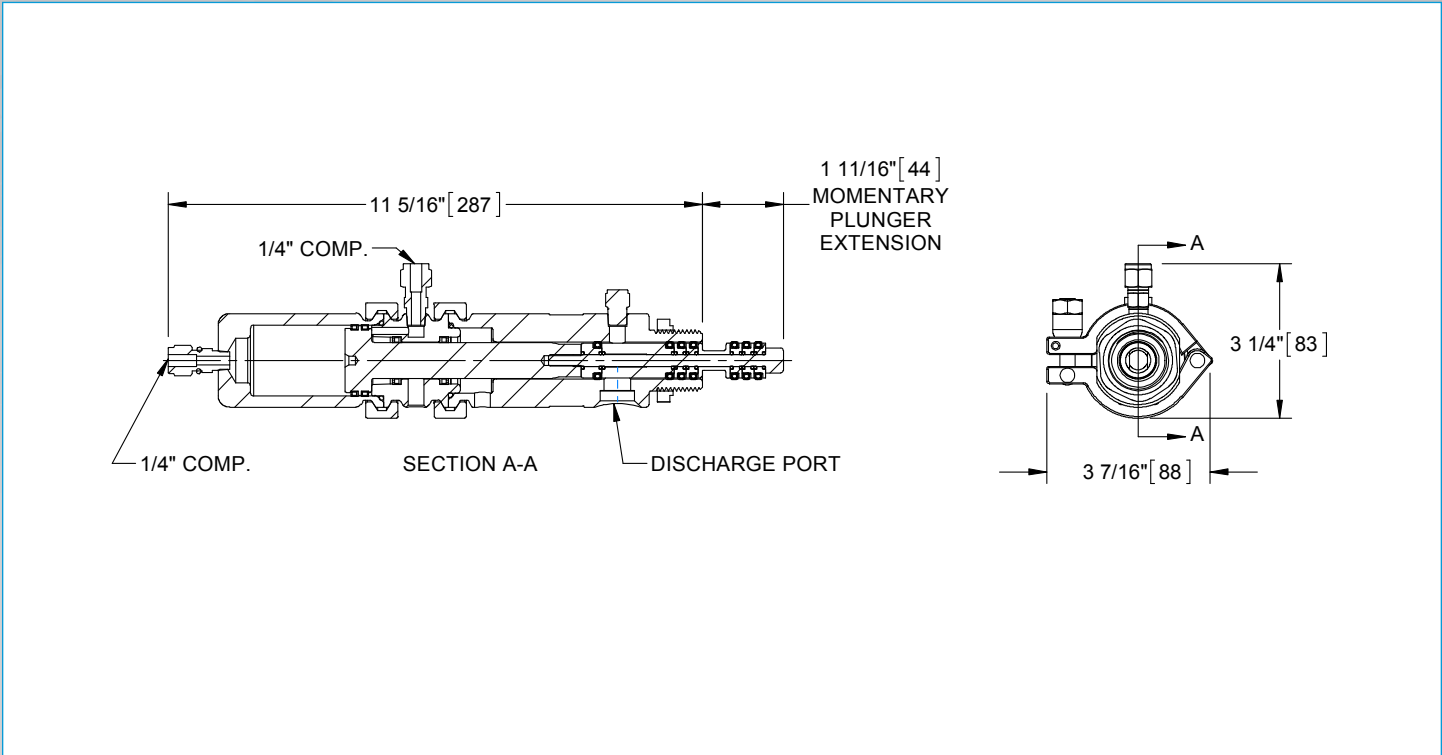
- Two different models for sampling fixed volumes of 3 cc or 8 cc per sample cycle
- Handles line pressures from vacuum up to 200 psi (13.8 bar) in most applications
- Rugged 316 stainless steel construction
- Batch or composite sampling
- Options include port closures, different container types, sampler enclosures (with or without heater), sample heating or refrigeration, and optional materials of construction and seal choices
- ATEX-compliant models available



Sample. Monitor. Measure.

# SENTRY

Any Application. Anywhere.



**SPECIFICATIONS**

sample volume per cycle	3 or 8 cc
maximum cycle frequency	12 strokes per minute, depending on application
maximum particle size	3 mm (3 cc) or 7 mm (8 cc)
line mounting options	MNPS thread, tri-clamp, instrument hub, ANSI flange
materials	316 stainless steel; other materials available
cylinder seals	Halar®, TFE or custom
plunger seals	TFE, polyurethane, EPDM rubber, Kalrez® or custom
compressed air requirement	2 SCFM at 80 psig (5.5 barg) to 120 psig (8.3 barg)
dimensions	10.188 in x 3 in (25.9 cm x 7.6 cm)
shipping weight	8 to 10 lb (3.5 to 4.5 kg)

Kalrez is a registered trademark of E. I. Du Pont de Nemours and Company.  
 Halar is a registered trademark of Ausimont, U.S.A. Inc.



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