



KAM® IAS™ sampler with 2" MNPT Seal Housing



KAM® IAS™ sampler with spacer for shipboard

## KAM® IAS™ ISOKINETIC AUTOMATIC SAMPLER PER API 8.2 AND ISO 3171

Employing the simplest design in the industry, the KAM® IAS™ Isokinetic Automatic Sampler is the ideal instrument for pipeline sampling during custody transfer. The IAS™ sampler's high degree of accuracy and simplicity facilitate extracting a **representative sample for custody transfer, regardless of viscosity, pressure, or flow rate.** The IAS™ sampler easily extracts a representative sample from your pipeline into a KAM® SR™ Sample Receiver. With a KAM® CSM™ Circulating Sample Mixer, you may then mix and analyze the sample for custody transfer, API gravity measurements, shrinkage, chemical composition, etc.

### FEATURES

- User friendly
- Positive displacement design
- Pneumatic, hydraulic
- Pressure relief valve
- Insertable and extractable through full-opening ball valve
- Fast loop and main line models

### APPLICATIONS

- Custody transfer
- Truck loading, unloading
- Marine loading, unloading, lightering
- Pipeline
- Production
- Refinery
- Research
- Power plant fuel oil

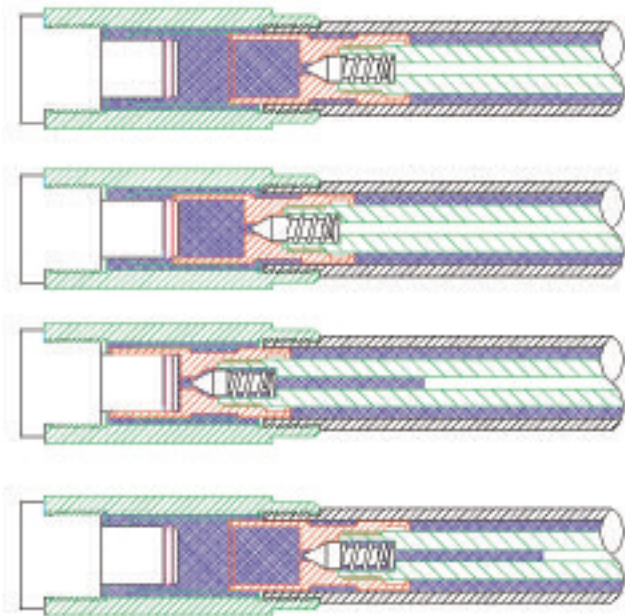


### Lifetime Service

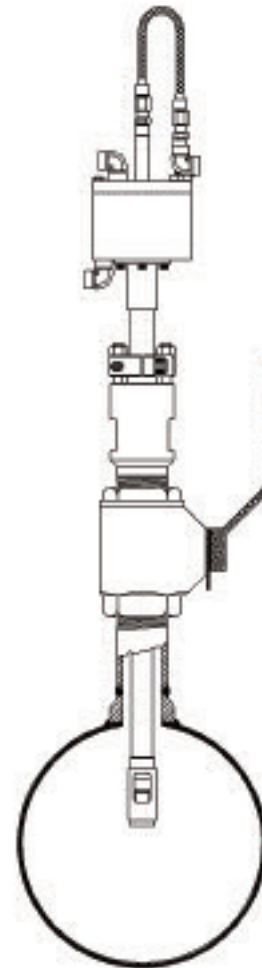
All KAM® products are backed with lifetime service. Send questions/issues to: [AskAnEngineer@KAM.com](mailto:AskAnEngineer@KAM.com) and we will send an answer or an engineer on site if necessary.

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KAM® IAS™ sampler pumping sequence



KAM® IAS™ sampler with 2" MNPT seal housing

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## SPECIFICATIONS

Media:	Crude oil, refined products, chemicals, water and wastewater
Material:	Wetted parts - 316 stainless steel
Fluid temperature:	-40° to 350°F (-40° to 177°C)
Power:	Air pneumatic, hydraulic
Sample size:	0.5 ml - 2.5 ml (Please specify)
Repeatability:	Exceeds API 8.2
Mounting:	Main line - 1 1/4" MNPT, 2" MNPT seal housing, or 2", 3", or 4" flanged seal housing Fast loop - 1/4" FNPT
Pressure ratings:	ANSI 150, 300, 600, 900
Probe dimensions:	1.25"ø x 3.1" (32mmø x 79mm)
Shaft length:	10" to 20" (Other sizes available)
Pipe size:	2" to 96"
Weight:	From 30 lbs. (13.6kg)

**ORDERING YOUR KAM® IAS™**  
 KAM - IAS - XX" - X"XXXX  
 |           |           |           |  
 Manufacturer   Product Name   Shaft Length   Mounting

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