



The Welker inLoop™ ACE Crude Oil Sampler takes representative samples from a bypass loop in accordance with industry standards API 8.2 and ISO 3171.

FEATURES

- 0.5–5 cc sample collection head capacity
- Externally adjustable sample volume
- Check valves designed to capture complete makeup of product
- 316/316L stainless steel material for wetted parts
- Coated protection on shafts and sealing surfaces
- Optional VCO process connection
- Optional purge
- Optional mounting bracket

BENEFITS

- High-speed sampling for short batches
- External adjustment allows sample volume to be set without removing the sampler from the bypass loop
- Built with durable construction material for equipment longevity
- Optional VCO connection allows for easy retrofitting of existing systems
- Optional purge design prevents sample batch cross-contamination



SPECIFICATIONS

inLoop™ ACE Crude Oil Extractor

inLoop™ ACE

Materials of Construction	316/316L Stainless Steel Wetted Parts, (Anodized) Aluminum Non-Wetted Parts
Seal Material	FKM
	FFKM Wetted, FKM Non-Wetted
Viscosity Range	Up to 4000 cP
Process Connection and Operating Pressure	1" FNPT or VCO: 1480 psig MAOP @ -20 °F to 100 °F
	1" – 150 ANSI Stainless Steel: 275 psig MAOP @ -20 °F to 100 °F
	1" – 300 ANSI Stainless Steel: 720 psig MAOP @ -20 °F to 100 °F
	1" – 600 ANSI Stainless Steel: 1440 psig MAOP @ -20 °F to 100 °F
Ambient Temperature	-20 °F to 120 °F
Operating Temperature*	20 °F to 200 °F
Utility Requirements	Hydraulic or Pneumatic Supply: 50–150 psig, Actuation Consumption (per Sample Grab @ 80 psig): 0.06 ft ³
Sample Volume	0.5–5 cc (Adjustable)
Sample Grab Rate	Up to 30 Grabs per Minute**
Industry Standards	Complies With API 8.2 and ISO 3171

*Contact Welker for Special Requirements

** Sample Grab Rate Dependent on Product Viscosity and Operating Pressure

Weight and/or dimensions are approximate.
Specifications subject to change without notice.