



The inFlow™ Electric Crude Oil Sampler is an electrically actuated liquid sampler designed to provide accurate and representative samples from flowing pipelines. Its sloped probe shaft ensures complete basic sediment and water (BS&W) drainage, while the volume-eliminating design enables real-time sampling. With a single-seal collection head for easy maintenance, robust motor connections for high-vibration pipelines, and AC/DC power options for remote locations, the inFlow™ Electric delivers reliable performance in any environment. Whether for small or large custody transfers, meter runs, or LACT units, this versatile, low-maintenance sampler is engineered for precision and durability.

FEATURES & BENEFITS

Volume-Eliminating Probe Shaft

Ensures real-time, representative sampling by eliminating residual volume within the probe.

Comprehensive Collection Head Design

Simplifies maintenance and repair, reducing downtime and operational costs.

Electric Actuation (AC and DC Options)

Offers flexible power options, making it suitable for both standard and remote locations.

Sturdy Motor Connection

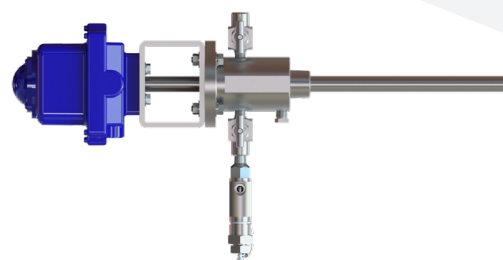
Engineered for high-vibration pipelines, ensuring reliable and consistent operation.

Integral Sloped Probe Shaft Design

Facilitates complete collection and drainage of basic sediment and water (BS&W), ensuring sample accuracy.

Small-Diameter Probe Shaft Option

Compatible with smaller pipeline connections, offering versatility across various applications.



SPECIFICATIONS

inFlow™ Electric Electric Crude Oil Sampler

inFlow™ Electric

Products Sampled	Condensate, Crude Oil, Refined Hydrocarbons	
Materials of Construction	Body: 316/316L Stainless Steel, Seal: NBR, FKM	
Maximum Allowable Operating Pressure	10-195 psig, Up to 1480 psig with ESR-2 Differential Pressure Relief	
Pipeline Connection	1" NPT, 2" NPT, (Other Sizes and Connections Available Upon Request)	
Electrical Connection	¾" FNPT	
Sample Outlet Connection	¼" FNPT	
Insertion Length Options	Fixed Insertion: 6", 12", 18", 24" (Other Lengths Available Upon Request) Manual Insertion (up to 100 psig): 12", 18", 24", 36" (Other Lengths Available Upon Request)	
Utility Requirements	DC 24 V, AC 240 V (Other Options Available Upon Request)	
Sample Volume	1.5 cc +/- 5%	3 cc +/- 5%
Sample Grab Rate	Up to 8 samples/minute (1.5 cc)	Up to 4 samples/minute (3 cc)
Minimum Process Pressure	10 psig	
Process Viscosity	0.4–300 cSt at Operating Temperature	
Operating Temperature	32 °F to 275 °F	
Mounting	Horizontal	
Industry Standards	API 8.2, ASME B16.5	
Electrical Industry Standards	NEC, CSA Listed Class I Div 1 Group C&D, UL & ATEX (Available Upon Request)	

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

