

FLP Mini Fast Loop Sampler



SAMPLE



CONDITION



The FLP Mini Fast Loop Sampler is uniquely designed to create a compact isokinetic fast loop from the flowing pipeline and collect a representative sample in real time. The probe tip has been engineered to fully collect and harness the pipeline's velocity, generating a proportional flow loop.

FEATURES

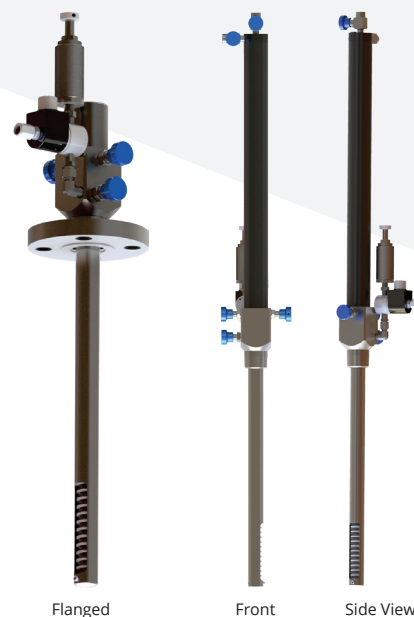
- Secured lock handle and cap
- Accessible sample collection head
- Electrically powered with both AC and low-voltage DC options
- Externally adjustable sample size without retraction of the probe
- Horizontal or vertical mounting
- Removable automatic insertion device

BENEFITS

- Reliable and secure operation, minimizing the risk of spills or damage
- Reduces downtime and simplifies upkeep, especially in hard-to-reach locations
- Ideal for use in remote or solar-powered environments, providing flexibility in power sources
- Quick adjustments on the fly, optimizing sampling without interrupting operation
- Fits a variety of pipeline setups, increasing installation flexibility
- Simplifies setup and maintenance, especially in space-constrained environments

SPECIFICATIONS

FLP Mini Fast Loop Sampler



FLP

Products Sampled	Condensate, Crude Oil, Refined Hydrocarbon
Materials of Construction	Insertion Probe: 316/316L Stainless Steel, PLA
	Pipeline Connection: Carbon Steel or Stainless Steel
Operating Pressure	Carbon Steel Pipeline Connection: ≤ 1480 psig, Stainless Steel Pipeline Connection: ≤ 1440 psig Automatic Insertion Pressure: ≤ 600 psig, Manual Insertion Pressure: 0 psig
Pipeline Connection	1" NPT, 1½" NPT, 2" NPT, 1" or 2" Class 150/300/600 RF
Electrical Connection	½" FNPT
Sample Outlet Connection	¼" FNPT
Insertion Length Options	12", 18", 24", 36" (Standard), Other Lengths Available
Utility Requirements	DC 6 V, DC 12 V, DC 24 V, AC 110–220 V
Sample Volume	0.5 cc–5 cc 5 cc–10 cc 10 cc–20 cc
Sample Grab Rate	Up to 30 samples/minute
Minimum Process Pressure	30 psig
Process Viscosity	5–4000 cP
Operating Temperature	Process Media: 150 °F Maximum Ambient: -40 °F to 140 °F
Mounting	Horizontal or Vertical
Industry Standards	API 8.2, ASME B16.5, NEC UL, CSA, ATEX (Available Upon Request)

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

