

JISKOOT G6

Pneumatic gas sample extractor

APPLICATIONS

- Gas sampling operations

ADVANTAGES

- Fully adjustable sample size
- Operation at all pipeline pressures
- Pressure-balanced, self-lubricating seals for improved service intervals
- Construction materials that eliminate corrosion
- NACE compliance

The JISKOOT G6* pneumatic gas sample extractor provides an accurate and reliable means of extracting gas samples from high- or low-pressure pipelines.

The extractor operates at all pipeline pressures and provides repeatable sample sizes regardless of pressure fluctuations. Sample size is fully adjustable from 0 to 0.5 mL.

The JISKOOT G6 extractor acts as a pressure-balanced pump and discharges samples at pipeline pressure, which minimizes evaporation or condensation and guarantees that each grab remains representative. The pump has a maximum operating pressure of 2,900 psi [200 bar].

To optimize servicing intervals, the extractor includes pressure-balanced, self-lubricating seals and construction materials that eliminate the risk of corrosion. Further, its simplified design enables complete overhaul in less than 15 minutes.



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Specifications

Sample size, mL	0 to 0.5
Sample rate, samples/min	Up to 30
Maximum line pressure, psi [bar]	2,900 [200]
Line temperature, degF [degC]	-20 to 399 [-29 to 204]
Sampling	Slip-stream sampling induced by differential pressure Sampling at line pressure, at fixed volume, or via line-balanced sample cylinders
Pump	Fully balanced pump insensitive to pipeline pressure variation
Materials of construction	NACE compliant
Certification	Suitable for hazards specified
Sampler connections	½ NPT female
Approximate weight, lbm [kg]	4.4 [2]
Final sampling pressure	Line pressure
Operation	Pneumatically operated (minimum air pressure of 72–101 psi [5–7 bar]; can be configured to operate from pipeline gas)

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