



# G5 Gas Sampler



## G5 Gas Sampler

The Jiskoot G5 Gas Sample Pump provides the most accurate and reliable means of extracting gas samples from either high or low pressure pipelines. The sample size is fully adjustable and the pump has a maximum operating pressure in excess of 2900psi (200bar). The G5 uses pressure balanced self-lubricating seals to maximize service intervals and all construction materials are selected to eliminate corrosion by contaminants. The

complete design concept of the G5 is to combine reliability and accuracy with minimum maintenance. The G5 can be completely overhauled in less than 15 minutes.

The G5 operates at all pipeline pressures and will provide repeatable sample sizes regardless of pressure fluctuations. It operates as a pressure balanced pump and samples are discharged at pipeline pressure. This minimises evaporation or condensation and guarantees that each grab remains representative.

The G5 when integrated within a Jiskoot Gas Sampling system will provide the most accurate and reliable sampling solution currently available in the world.

Data Sheet S005-0504-4 • G5 Gas Sampler

## Specification

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| <ul style="list-style-type: none"> <li>■ Sample size: 0 to 0.5ml.</li> <li>■ Sample rate: Up to 30 samples/min.</li> <li>■ Max. line pressure: 2900 psi (200 bar).</li> <li>■ Line temperature: -29°C to +204°C.</li> <li>■ Slip stream sampling, DP induced.</li> <li>■ Sample collected at line pressure, fixed volume or line balanced sample cylinders.</li> <li>■ Fully balanced pump, insensitive to variation in pipeline pressure.</li> </ul> | <ul style="list-style-type: none"> <li>■ Sample cylinder rating: DOT/IATA spec.</li> <li>■ Materials of construction: NACE compliant.</li> <li>■ Certification: Suitable for hazards specified.</li> <li>■ Sampler connections: 1/8" NPT female.</li> <li>■ Approx. weight: 2Kgs.</li> <li>■ Final sampling pressure: To Line pressure.</li> <li>■ Pneumatically operated (min air pressure 5-7 bar) can be configured to operate from pipeline gas.</li> </ul> |
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These are standard design specifications. We operate a policy of continuous development and the information on this sheet may be updated without notice.



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