

JISKOOT CPC Constant Pressure Sample Receivers



Cameron's JISKOOT™ CPC is a range of low cost, constant pressure (variable volume) sample receivers for the receipt, storage, and transportation of liquid and gaseous hydrocarbon samples. The receivers are designed to be pre-charged with inert gas to maintain the sample at process pressure conditions for analysis.

These compact receivers are available with capacities of 0.5, 1, 2, or 4 liters, are built to the highest safety standards, and are designed for ease of handling and storage.

CPC receivers feature low-profile valves positioned to avoid accidental operation or damage. They are supplied with a pressure gauge on the pre-charge end and include an integral magnet and external level indicator. Options include an electronic high/low or level sensor and a rugged carrying case.

The piston in the CPC range has been specially designed to prevent jamming and minimize trapped volume that could contaminate samples.

Features

- Suitable for crude oil, condensate, gas, liquid gas, and refined hydrocarbons
- Maintains samples at line pressure for analysis
- Compact and light – easy to store and transport
- Easy to install – does not require expansion space for external rods
- Operator safe – no moving external parts or safety hazards
- Robust and rugged – not susceptible to damage
- Complies with ISO 3171, IP 6.2, and API 8.2 when operated within specifications as part of a suitable sampling system

(Please contact JISKOOT for further information about sampling standards)

Specifications

Maximum Operating Pressure	150 bar at 212° F (100° C)
Design Pressure	150 bar (g)
Process Temperature Range	-4° F to 230° F (-20° C to 110° C) (dependent on seal)
Viscosity Range	1 to 1000 cSt
Materials	ASME SA479 316L stainless steel
Seals and O-rings	Viton®, PTFE compounds (standard) (Other seals available)
Suitable for NACE MR-01-75 (2001 edition) applications Designed to PD 5500 : 2003 – Specification for unfired fusion-welded pressure vessels	

Dimensions

0.5 Liter Receiver	
Volume	500 ml
Overall Length	454 mm*
Weight	8 kg (empty)*
Operations per Lifecycle	1600 pressure cycles 150 barg > 0 barg
Classification	SEP (PS < 200)
1 Liter Receiver	
Volume	1000 ml
Overall Length	631 mm*
Weight	10 kg (empty)*
Operations per Lifecycle	1600 pressure cycles 150 barg > 0 barg
Classification	SEP (PS < 200)
2 Liter Receiver	
Volume	2000 ml
Overall Length	532 mm*
Weight	14.2 kg (empty)*
Operations per Lifecycle	1600 pressure cycles 150 barg > 0 barg
Classification	CE marked to meet pressure equipment regulations (97/3/EC) as a Category 3 vessel for a Group 1 gas
4 Liter Receiver	
Volume	4000 ml
Overall Length	787 mm*
Weight	19.5 kg (empty)*
Operations per Lifecycle	1600 pressure cycles 150 barg > 0 barg
Classification	CE marked to meet pressure equipment regulations (97/3/EC) as a Category 3 vessel for a Group 1 gas

* approximate measures

Options

• PED certification	• Septum takeoff
• Mounting brackets	• Mounting brackets with receiver full sensor
• Receiver full sensor	• Carrying case
• ShearMix sample receiver mixing	• Level sensor



LOCATIONS

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