

Maurer® Instruments offer a range of atmospheric sample collection receivers for collecting and transporting stabilised crude and other hydrocarbon liquids. These sample receivers allow fluids of interest to be moved to a laboratory for analysis to correlate online analysers and provide samples for other manual sample tests, receivers are available in several industry standard sizes.

All sample receivers are fitted with coded industry standard quick release fluid inlet and outlet connectors, allowing for a 'mixing loop' to be set up once the sample receiver is moved into the laboratory. Pressure indication and relief is also supplied as standard.

Receiver volumes available are: 3.8L, 7.6L, 11.4L and 19L.

## Sample Receiver Construction

- Material wetted parts – Grade 304 stainless steel - manufacturer standard
- Top head torispherical
- Bottom head torispherical with sump
- Cylindrical shell
- Support grade 304 stainless steel skirt with rubber boot
- Internal finish white pickle, welds as welded
- External finish white pickle, welds as welded
- Application for groups 1 and 2 liquids and group 2 gases
- Working pressure up to 1.0 barg @ 38°C



Maurer™ Instruments Sample Receiver

Revision 05/2020

## Openings/Connections (Standard)

- Top (centre) large oval pressure closure with EPDM o-ring
- Top (perimeter) 1 x inlet connection with dip tube (via QC coupling)
- 1 x Outlet connection with dip tube (via QC coupling)
- 2 x 1/4" NPTF connection for relief valve/pressure gauge

## Fittings (Standard)

- Relief valve nominal 1 barg setting – stainless steel
- Pressure gauge 0 - 2 barg range, stainless steel case & wetted parts
- Quick connect couplings\*\* 3/4" male profile (receiver inlet)
- 1/2" Male profile (receiver outlet)
- Protective caps for quick connect couplings

\*\* Quick connect couplings are stainless steel materials and conform to ISO 7241-1 Series "B" profile.

## Product Configurator

<b>LPR</b>	Low Pressure Receiver		<b>Model Code</b>
	<b>304</b>	304 Stainless Steel	<b>Material Wetted Parts</b>
	<b>3.8</b>	3.8L	<b>Receiver Size</b>
	<b>7.6</b>	7.6L	
	<b>11.4</b>	11.4L	
	<b>19</b>	19L	
	<b>0</b>	None	<b>Level Control</b>
	<b>FS</b>	Float Switch	
	<b>VLI</b>	Visual Level Indicator	
<b>LPR</b>	<b>304</b>	<b>3.8</b>	<b>VLI</b>

**Example**

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