

The measurement of live crude oil requires the use of a pressurized sampling system. Measured from an open container the resulting vapor pressure of this crude oil can be biased due to loss of volatile material otherwise. A very convenient and easy to use application for this task is the Manual Piston Cylinder **ERAVAP MPC**.



EASY AND STRAIGHTFORWARD HANDLING

ERAVAP MPC fully complies to ASTM D8009 and is perfectly suitable for the sampling, transport and measurement of liquid samples such as crude oil, condensates, aviation gasoline and other hydrocarbon solvents.

Due to its syringe-type design the correct handling of the sample and as follow-up the straightforward cleaning procedure are easily done. For a fast and secure connection of the **ERAVAP MPC** to the instrument, ERAVAP is equipped with a pressure-tight connection inlet for quick fit connectors including an integrated inlet filter.

TECHNICAL SPECIFICATIONS

Standard	ASTM D8009
Total Volume	350 mL
Fill Volume	280 mL at 80%
Operating Pressure	MAWP: 1380kPa (200 psi) MEOP: 1030 kPa (150 psi)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Press Relief Valve	Yes (2x)
Relief Pressure	Sample side: 1030 kPa (150 psi) ± 3.5% Charge side 1380 kPa (200 psi) ± 3.0%
Pressure Gauge	Dual scale: 0 – 1380 kPa & 0 – 200 psi
Dimensions	39 x 14 x 20 cm (15.3 x 5.5 x 7.9 in) at 80% filling level
Weight	2.7 kg (5.9 lb)