

STANDARDIZED VAPOR PRESSURE PROCESS ANALYZER

MINIVAP ON-LINE

Vapor Pressure of
Gasoline, LPG and
Crude Oil

Vapor-Liquid Ratio
Temperature of
Gasoline (V/L = 20)

ASTM Methods:
D 6378, D 6377, D 5191,
D 5188, D 6897

Highest Accuracy:
Repeatability: 0.3 kPa
Reproducibility: 0.7 kPa

7 Minutes Cycle Time

One Single Instrument
for Up to 3 Sample
Streams

Explosion Proof-Class I

Low Maintenance





Certified Technology

The measuring principle is based on the patented triple expansion method of Grabner Instruments worldwide approved and accepted laboratory vapor pressure tester for gasoline and crude oil: MINIVAP VPS. The US-EPA declared MINIVAP as the official reference instrument for the USA already in 1993.



One Instrument For All Relevant ASTM Standards

With MINIVAP ON-LINE, the vapor pressure of gasoline (D 6378 / D 5191 / D 323), crude oil (D 6377 / D 323), liquefied petroleum gas (D 6897 / D 1267) and the vapor-liquid ratio temperature of gasoline (D 5188) can be determined.

With the possible connection of up to 3 different sample streams, all of these measurements can be performed with one single instrument.

SAVE YOUR MONEY WITH ON-LINE CONVENIENCE & LABORATORY PRECISION

The advanced MINIVAP method considerably improves the quality of your measurement and leads to a much better accuracy. This offers the possibility to blend as close as 0.3 kPa (0.05 psi) to the official limits, saving refineries thousand of dollars each year.



Remote Controlled

The data is transferred safely via Fiber-Optics to the central controller outside the explosion sensitive area. The controller continuously displays the actual vapor pressure and can forward the results to a LIM-system via the analog outputs.



Fast & Easy Maintenance

The heart of the analyzer is an extremely reliable piston based measuring cell, which has proven its excellent performance in several thousand installations world wide.

The cell is mounted with quick fittings and can easily be exchanged for service in less than 1 minute.



Technical Data

Temperature Range:	20 to 60 °C (68 to 140 °F)
Pressure Range:	2 to 1000.0 kPa (0.3 to 145.00 psi)
Repeatability:	0.3 kPa (0.05 psi)
Reproducibility:	0.7 kPa (0.1 psi)
Power Requirements:	100/120/230/240 V AC, 50/60 Hz, 65 W
Physical Dimensions (W x H x D):	650 x 1160 x 400 mm (25.6 x 45.7 x 15.8 inches)
Weight:	50 kg (110 lbs)

Your distributor:

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