

GRABNER / REID VAPOR PRESSURE ON-LINE 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 1267, D 323

One Single Instrument for
Up to 3 Sample Streams

5 Minutes Cycle Time

Automatic Calibration

Explosion Proof-Class I

Low Maintenance



QUALITY
• ISO 9001 •
CERTIFIED



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 in 1993.

One Instrument For All Relevant ASTM Standards

With MINIVAP ON-LINE, the vapor pressure of gasoline (D 6378 / D 5191), crude oil (D 6377 / D 323), liquid petroleum gas (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.

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.

Automatic Calibration

A fully automatic calibration of the measuring unit is performed with a vapor pressure measurement of neo-hexane, or other standard liquids. It can either be started manually, or automatically in programmable intervals.

Technical Data

Temperature Range:	30 to 60 °C (86 to 140 °F)
Pressure Range:	0 to 1000.0 kPa (0 to 150.00 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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