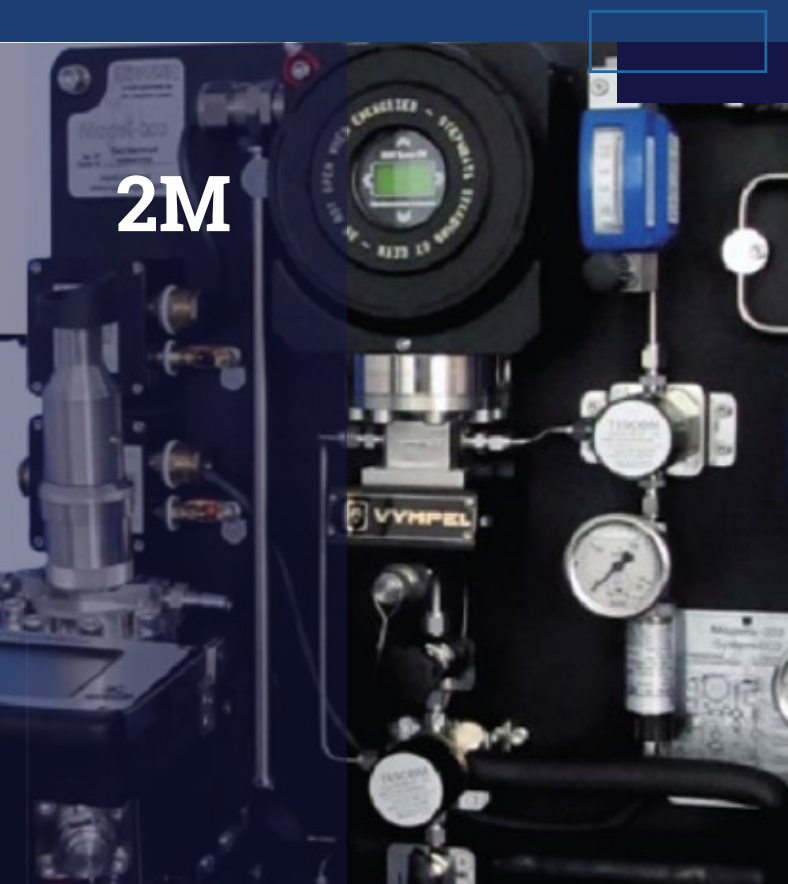


# Cong Prima 2M

- An automatic condensation hygrometer is working on the chilled-mirror principle and designed for measuring the water dew point or hydrocarbon condensation temperature at gas transportation and other natural gas facilities.
- Its compact and lightweight design is ideal for installation sites that require a space-saving and attractive solution, including gas transport, gas reduction and gas regulation facilities.
- The robust design of the analyzer's measurement chamber corresponds to the strict requirements for a dew point measuring device in an aggressive gas environment.
- The integrated shutoff valve allows the user to remove the analyzer unit without interrupting the gas flow in the pipeline.

## Specifications

Measurement Range	- 50°C to +30°C
Absolute Error	±1°C
Gas Volume Flow Rate	0.3 to 0.5 L/min
Ambient Temperature	- 10°C to +50°C
Pressure Range	100 bar
Gas Temperature Range	- 20 °C to +50 °C
Housing Protection Type	IP 54



**MINI**

**2M**

## Hygrovision Mini

- Compact, partially automated dew point mirror for manually measuring the dew point of water, hydrocarbons and additives in natural gas.
- Primarily developed for use in the natural gas industry. However, its convenience and functional reliability are also suited for all applications where quick and precise dew point information is required.
- Supplemental cooling channels are built into the housing for measuring low-temperature dew points in high ambient temperature conditions.
- Monitoring the quality of industrial processes such as the drying and purging of systems.

## Specifications

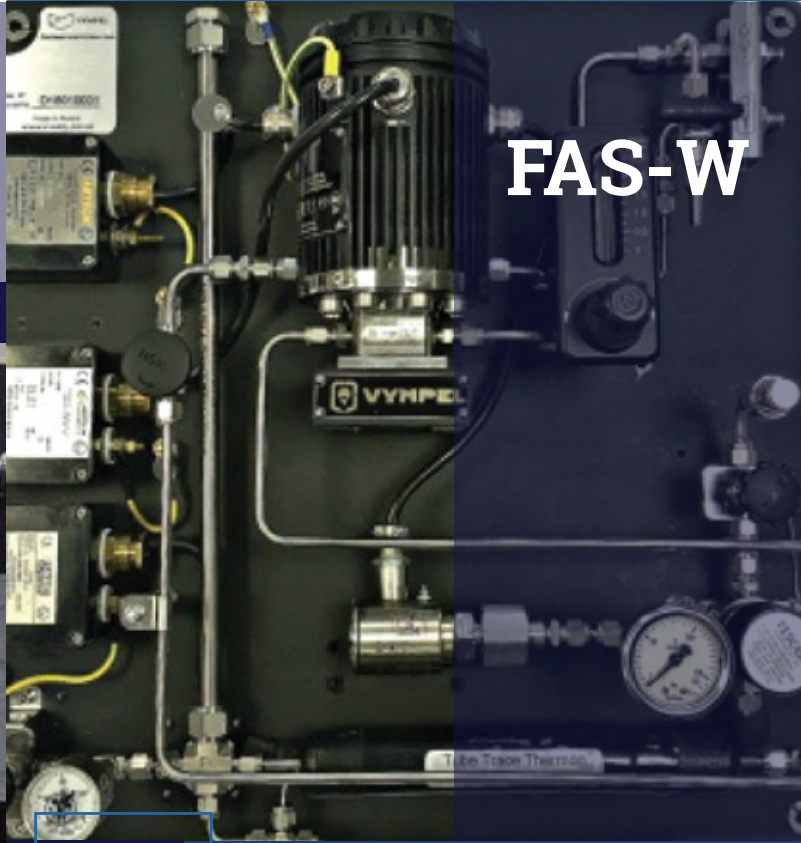
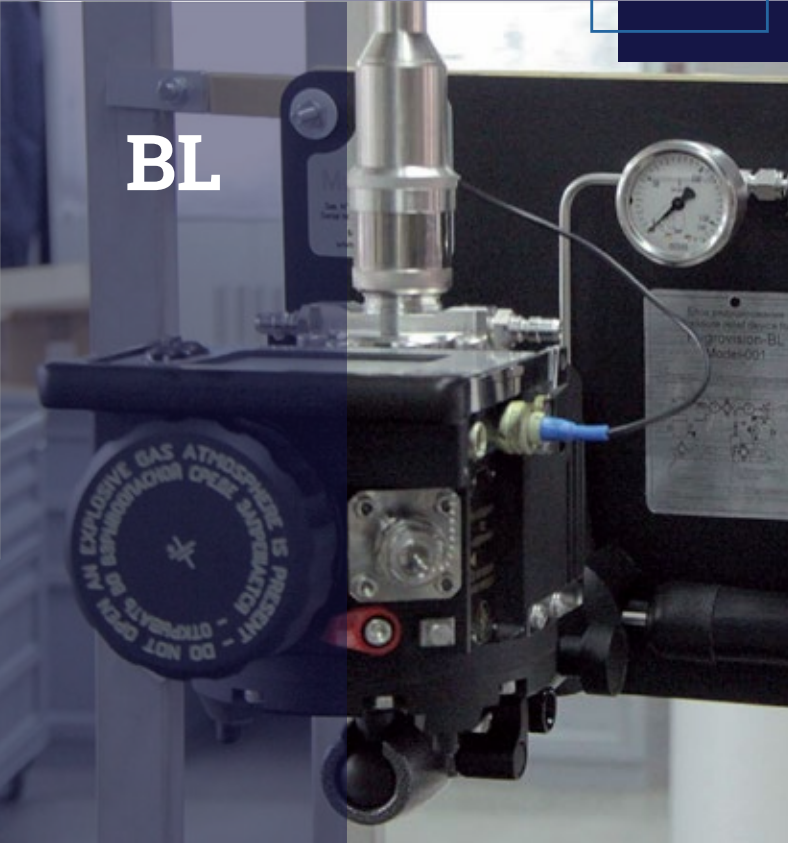
Measurement range	-40 °C to +30 °C
Absolute Error	Water/HC ±0.5°C to 1.0°C
Gas Volume Flow Rate	0.3 to 1 L/min
Material	316L SS, 316 SS, Hastelloy C
Dew Point Cycle	10 to 15min
Housing Protection	IP 56

# Hygrovision BL

- An achromatic microscope for visually observing the condensation mirror's surface. Independent measurement of water and hydrocarbon dew points.
- Two alternatives for illuminating the surface of the mirror enabling the instrument to register the difference between the dew point of water and hydrocarbons.
- Automatic photoelectric scanning of the mirror's surface allows for faster dew point measurements as compared to a conventional observation.
- Scanning provide the information about the reflective integrity of the mirror's surface.

## Specifications

Measuring Range	0.1 to 100 min <sup>-1</sup>
Measurement Error	±10%; ±5%
Pressure	100bar
Electrical Connection	4x1.5mm <sup>2</sup> cable
Gas Consumption	0.2 to 2 dm <sup>3</sup> / min
Protection Class	IP67
Approvals	ATEX



## Specifications

Measurement Range	-60 °C to +30 °C
Absolute Error	Water / HC- ±0,5 °C to 1°C
Gas Volume Flow Rate	0,3 to 1 L/min
Pressure Range	250 bar
Measurement Cycle	10 to 15 min
Housing Protection	IP 56

## FAS-W

- An automatic condensation hygrometer can measure the volume fraction of moisture and the dew point temperature of water in natural gas at pressures up to 100 bar.
- Provides accurate and stable measurements, reported as dew point in °C, °F, or K and as a calculated value for the volume fraction of moisture in ppmV or mg /m<sup>3</sup> to the current output.
- Advanced sensitivity of the optical recording system is used to register water vapor condensation and installed directly on the pipeline or in a gas preparation system.
- The analyzer can be used in the processes of gas conditioning, metallurgy and more.