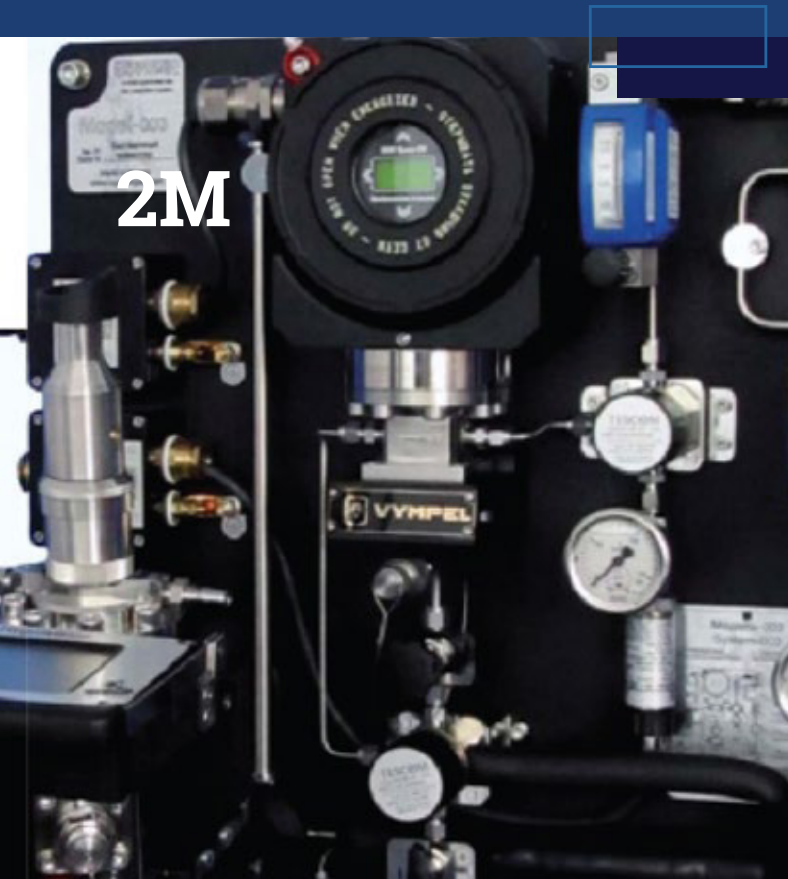


# Cong Prima 2M

- 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	-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

## Your Trusted Partner for Measurement Assurance

### Eximp Measurement Private Limited

EMPL specializes in providing comprehensive Turnkey Measurement Solutions that are fully integrated with measurement products, systems, and solutions for liquid and gas applications within the Indian Oil and Gas industry.



## Hygrovision Mini

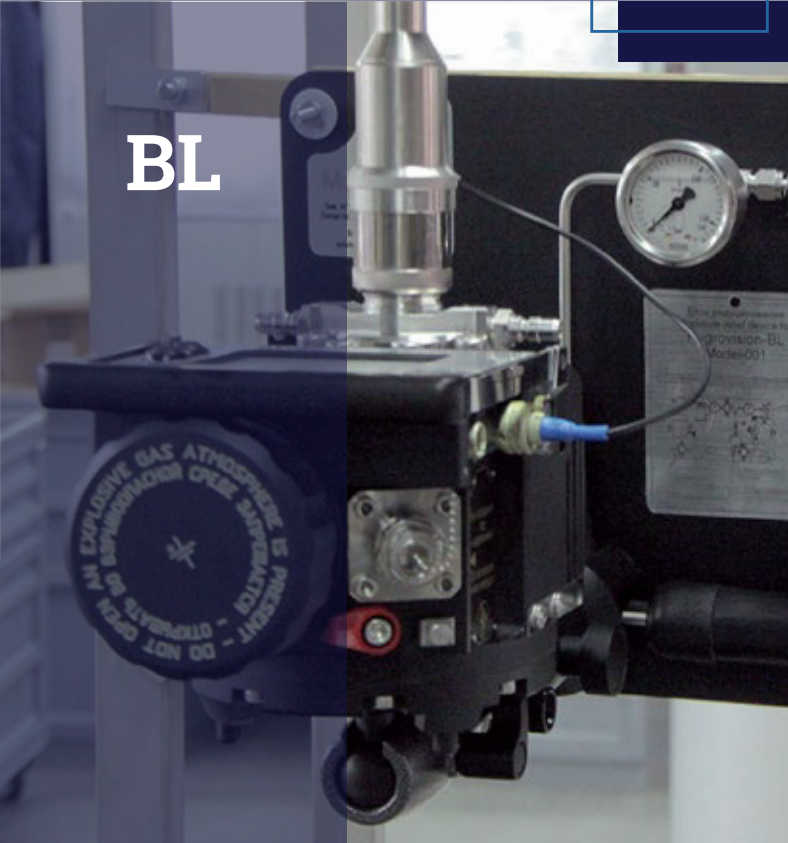
### Specifications

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

- 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.

# 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.

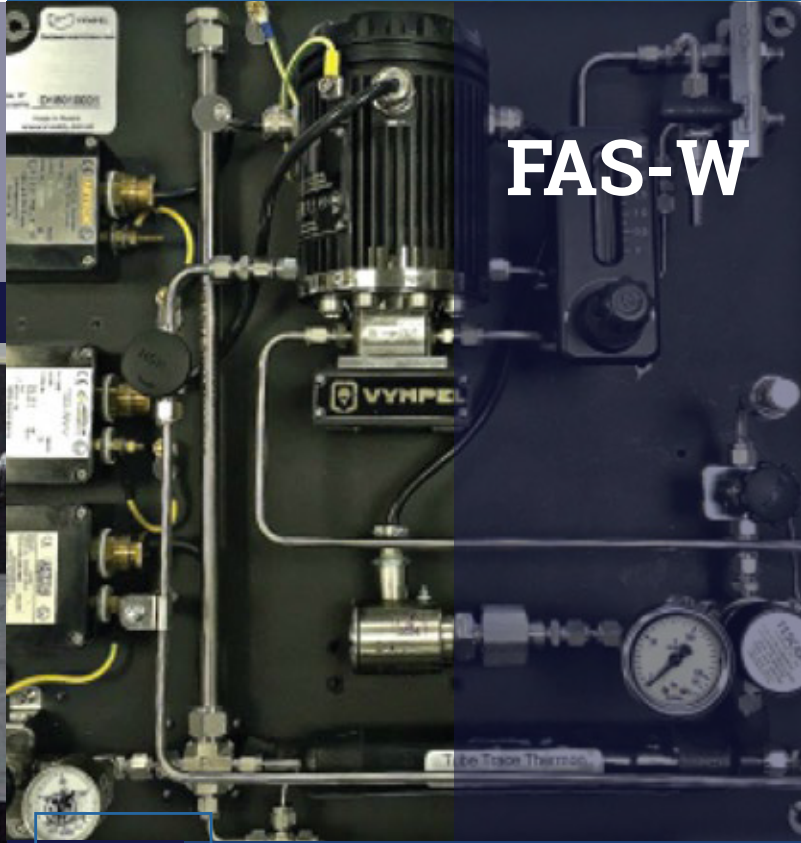


## Specifications

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

## 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



**FAS-W**

## 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.