

May 2023

Written and issued by Process Sensing Technologies  
[www.processsensing.com](http://www.processsensing.com)

## Introducing the Multi-Channel Process Monitor



The launch of the Multi-Channel Process Monitor sees the welcome expansion of the process analyzer range. The MCPM provides up to 6 independent measurement channels with any combination of moisture in gas, moisture in liquids or oxygen sensors to give the user maximum flexibility at lower per-channel cost.

Utilizing the Promet/Liquidew I.S. industrial hygrometer systems for measurement of high pressure, flammable process gases and/or vaporized liquids, with optional Minox-I oxygen measurement transmitters.

- Designed for safe-area operation with a single easy-to-use 7" color touch screen, displaying moisture content / dew point or O<sub>2</sub> and analysis pressure or temperature for each channel.
- Integrated Galvanic Isolation type barriers for Exi measurement transmitters
- Three 4...20 mA per channel, with user-definable outputs
- Two alarm relays with user-programmable set points per channel, with additional system alarm
- Full data logging including measurement parameters and error codes
- Modbus RTU over RS485 and Modbus TCP/IP

The **Multi-Channel Process Monitor** (MCPM) is a flexible multi-channel analyzer designed to provide real-time, multi-parameter displays for our industrial hygrometer systems, for measurement of high-pressure process gases and vaporized liquids on natural gas platforms and terminals, petrochemical plants and industrial gas manufacturing facilities.

Optional oxygen electrochemical sensors offer additional capability for percentage and ppmv O<sub>2</sub> measurements. Combined with a choice of PST sensors and proven sample conditioning system design-engineering capabilities, the system provides a multi-channel online instrument for both flammable and non-flammable gases, that is reliable and easy to operate.

## About Process Sensing Technologies

Process Sensing Technologies (PST) provides an unmatched suite of instruments, analyzers and sensors for precision measurements and monitoring in highly demanding end markets. These range from pharmaceutical/ life sciences, specialty gases, semiconductors, O&G, petrochemicals and power to gas detection, food and beverage and building automation.

The PST Group has a global presence with multiple locations in Europe, Asia and the Americas and looks for more opportunities to continue its growth through investment into new markets. [www.ProcessSensing.com](http://www.ProcessSensing.com)

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