

## AMETEK MOCON Launches New Carbon Dioxide Permeation Analyzer the MOCON PERMATRAN-C® 4/30

**Minneapolis, MN (March 12, 2021)** – AMETEK MOCON – the leading global provider of permeation analyzers, package testing instruments, and gas controllers/sensors – has launched a new carbon dioxide permeation analyzer, the PERMATRAN-C 4/30.

The new analyzer was designed for labs looking to perform fast and accurate carbon dioxide transmission rate testing for quality control (QC) or R&D applications. It takes advantage of the many great features offered by our Next Generation MOCON Permeation Analyzers, such as short test cycles, easy-to-use software, and automated control features. The analyzer also features our two-cell cartridge testing system that precisely measures the carbon dioxide transmission rate (CO<sub>2</sub>TR) of barrier films and packages. The analyzer's simplified operation allows both experienced technicians and new users to easily obtain accurate and repeatable CO<sub>2</sub>TR results on every measurement.

The removable cartridge system allows interchangeable use with MOCON's wide range of test cartridges, expanding the testing range and applications of the instrument. The C 4/30 analyzer comes standard with 50 cm<sup>2</sup> area test cartridges for barrier films. Also available is our PackRack Package Test Fixture and Capture Volume accessories, which allow bottles and container closures to be easily tested for CO<sub>2</sub>TR with minimal preparation. Now CO<sub>2</sub>TR measurements can be made with ease and confidence by any operator.

"The new PERMATRAN-C 4/30 Carbon Dioxide Permeation Analyzer measures the CO<sub>2</sub> transmission rate through films, packages, bottles, and package closure systems, so Research and Development and Quality Control labs know exactly how much CO<sub>2</sub> is permeating through their samples," said Jeff Jackson, Sr. Global Product Manager at AMETEK MOCON. "Unlike other permeability testers that measure a surrogate for carbon dioxide, like gas pressure, we specifically measure CO<sub>2</sub> gas concentration using proprietary infrared sensing technology to directly determine the carbon dioxide transmission rate. As you would expect from a MOCON Permeation Analyzer, we measure CO<sub>2</sub>TR to the lowest detection limits available in the market."

The PERMATRAN-C 4/30 Carbon Dioxide Permeation Analyzer complies with ASTM standard F2476. This analyzer provides very accurate and repeatable test results within a wide detection range from 0.5 to 8000 cc/(m<sup>2</sup>\*day).

Learn more at [www.ametekmocon.com](http://www.ametekmocon.com) or visit our [product page](#).

### About AMETEK MOCON

AMETEK MOCON is the leading provider of analyzers, instruments, sensors and consulting services to research laboratories, production facilities, and quality control departments in the food and beverage, medical, pharmaceutical, and packaging industries worldwide.

AMETEK MOCON is a business unit of the Process & Analytical Instruments division of AMETEK, Inc., a leading global manufacturer of electronic instruments and electromechanical devices with annual sales of approximately \$4.5 billion.

See [www.ametekmocon.com](http://www.ametekmocon.com) for more information.

**Media Contact:** Jamie Durkin, [Jamie.durkin@ametek.com](mailto:Jamie.durkin@ametek.com)