

MOCON, Inc.
7500 Boone Avenue North
Minneapolis, MN 55428 U.S.A.

Telephone: 763-493-6370
Fax: 763-493-6358
Web: www.mocon.com



For more information contact:
Sophia Dilberakis, SD Communications
phone: 312.787.5800 email: sophiad@att.net

MOCON JOINS FLEXIBLE DISPLAY CENTER AS ASSOCIATE MEMBER

Installs AQUATRAN Unit to Further Development of Flexible Displays

Minneapolis, MN (April 28, 2009) — MOCON, Inc. (NASDAQ: MOCO) has become an Associate Member of the [Flexible Display Center](#) (FDC) at Arizona State University (ASU), a collaboration among government, industry and academia designed to advance the development of full-color flexible display technology.

MOCON will install its state-of-the art AQUATRAN unit, an ultra high-barrier water vapor permeation test instrument to support the FDC's development efforts. The AQUATRAN makes it possible to accurately measure water vapor transmission rates down to 0.0005 g/m² per day under varying temperature conditions. (Conventional units typically only measure to 0.005 g/m² per day.)

Formed through a 10-year cooperative agreement between the U.S. Army and ASU, the FDC is partnering with many of the world's leading providers of advanced display technology, materials and process equipment to meet its development objectives.

“Bringing MOCON's engineering expertise and the addition of the AQUATRAN unit to our testing capabilities will enable us to better understand which substrate materials and barrier structures will provide the water vapor resistant characteristics we are seeking,” said Shawn O'Rourke, Director of Engineering, FDC. “Given the adverse effects of water vapor to the life expectancy of flexible displays, the MOCON tool offers a valuable new measurement capability to the FDC.”

“What makes this unit different from any other water vapor permeation test instrument on the market is that it offers ten times the measurement sensitivity. You

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want to make sure that moisture is not having a destructive effect on the electronics,” said Tom Linn, market development, MOCON.

The AQUATRAN unit is ideally suited as a measurement instrument for new, commercial or developmental ultra high-barrier structures. These structures are being engineered to push the barrier envelope. Therefore, accurate and extremely sensitive instrumentation is necessary to build performance statistics.

The unit targets developers, manufacturers or converters of ultra high-barrier films, as well as food and pharmaceutical packagers using them to help extend product shelf life. These ultra high-barrier films are also used in the manufacture of organic light emitting displays (OLEDs).

MOCON is a leading provider of instrumentation and consulting and laboratory services to medical, pharmaceutical, food and other industries worldwide. See www.mocon.com for more information.

This press release contains forward-looking statements that involve a number of risks and uncertainties. Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include but are not limited to: uncertainties relating to competition and technological change, setbacks in product development program, slower-than-anticipated customer acceptance of new products, dependence on certain key industries, risk associated with the Company’s acquisition strategy and international operations, and other factors set forth in the Company’s filing with the Securities and Exchange Commission.

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Caption: This image demonstrates a “flexible display” implementing technology developed at the Flexible Display Center at ASU.

FDC Media contact:

Erica Beaudry
Impress PR
Phone: (602) 687-7745
Email: erica@impress-pr.com

Please send sales leads from editorial inquiries to:

Guy Wray
MOCON, Inc.,
7500 Boone Avenue North
Minneapolis, MN 55428 U.S.A.
Phone: (763) 493-7231 Fax: 763-493-6358
Email: gwray@mocon.com