

# RMC-Boeckeler Brings New Line-Up of EM Sample Prep Products & Tutorials to M&M

*RMC-Boeckeler brings new sample preparation systems and scientific tutorials on ultramicrotomy to M&M, Aug. 3-6, 2015, in Portland, Ore., booth #867.*

TUCSON, ARIZONA, USA, July 1, 2015 /EINPresswire.com/ -- [RMC-Boeckeler](#) is preparing for a larger presence this year at the M&M exhibit, Aug. 3-6, in Portland, Ore., by presenting new sample preparation products and hosting more demos and evening tutorials with key scientists than it has in previous years.

## NEW PRODUCTS

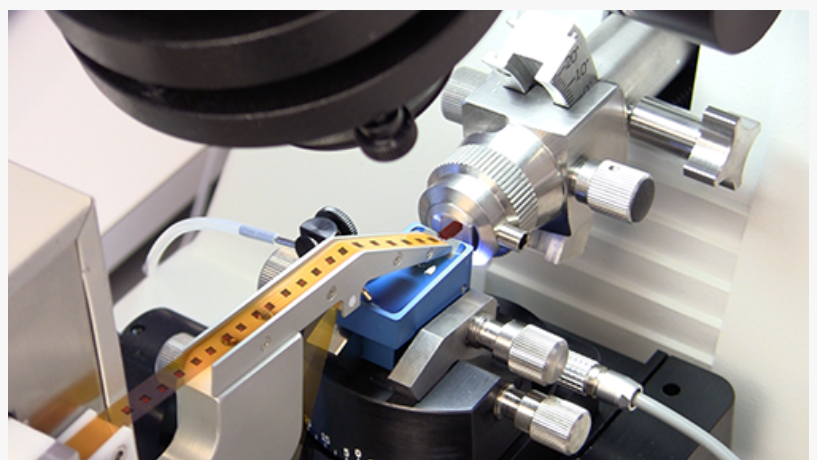
Along with the new RMC [ATUMtome](#) automated tape collecting ultramicrotome, which has been gaining

ground in neuroscience and other fields since its debut in November 2014, the manufacturer will introduce two other new and developing products during the show at booth #867. These products include the RMC [LN-Ultra](#) cryosectioning system designed for both biological and industrial applications that require low temperature serial sectioning, as well as a new option on the PT-PC ultramicrotome, an array tomography serial section substrate holder that is currently under development and open to early adopters.

## PERSONAL DEMOS

Personal demos at the booth feature the RMC ATUMtome, a cryo-ultramicrotomy station that includes the RMC LN-Ultra cryosectioning system and the RMC PT-PCZ PowerTome ultramicrotome. RMC applications scientists will be on hand to discuss personalized sample prep requirements and demonstrate the technique and instrumentation by appointment between the hours of 1:00 p.m. and 5:00 p.m. on Monday, Aug. 3 and 11:00 a.m. to 4:00 p.m. on Wednesday, Aug. 5. To register, sign up as early as possible by contacting RMC's Dave Roberts at (520) 745-0001 or by e-mailing him at [dave@boeckeler.com](mailto:dave@boeckeler.com) or sign up at the booth on Monday afternoon.

Not only can visitors see the RMC ATUMtome automated tape collecting system at RMC-Boeckeler booth #867, but also at Carl Zeiss Microscopy LLC's nearby booth #638, where they can see the workflow that includes the ZEISS family of tomography imaging solutions and the ZEISS Atlas 5 array tomography software, which helps automate imaging of the collected sections.



Featured at RMC-Boeckeler's M&M booth # 867 will be the new ATUMtome automated tape collecting ultramicrotome. This illustrated close-up shows how the ATUMtome moves a continuous ribbon of tape through the ultramicrotome's water trough, automatically remo

## EVENING TUTORIALS

Evening tutorials with key scientists will also be held at booth # 867 beginning at 5:45 p.m., featuring scientists from key areas in ultramicrotomy and serial sectioning. The topics are as follows:

Monday, Aug. 3, 5:45 p.m. "High Pressure Freezing for CLEM" -- Highlights recent developments and new techniques using rapid loading, high pressure freezing and freeze substitution for correlative light to electron microscopy. Limited seating, reserve early.

Tuesday, Aug. 4, 5:45 p.m. "Ultrastructural Analysis Using Automatic Tape-Collecting -- Ultramicrotome for SEM Array Tomography. Limited seating, reserve early.

Wednesday, Aug. 5, 5:45 p.m. "Array Tomography for CLEM" – Presentation of an exciting new technique for serial section collection for correlative light and electron microscopy. Limited seating, reserve early.

To reserve for these tutorials, please sign up on the first day of the show at the MSA Megabooth.

## ABOUT BOECKELER INSTRUMENTS & RMC- BOECKELER

Boeckeler Instruments Inc., based in Tucson, Ariz., is a supplier of 3-D imaging sample preparation solutions for the nanotechnology market. The privately held company was established in 1942 as a manufacturer of precision measuring instruments, and in 2000, acquired RMC Products, bringing together two companies that have played a large part in the nanotechnology scene even before the popularization of the term. In essence, RMC-Boeckeler is the continuing operation of the company that developed the first commercial ultramicrotome in 1953 for cutting ultra-thin sections of samples –the MT-1 ultramicrotome. This product eventually evolved into today's RMC-Boeckeler ultramicrotomes that can cut sections at thicknesses of 30 nm or less.

Since 2000, RMC-Boeckeler spread its wings into other sample preparation equipment, including automated tape collecting systems for array tomography, cryosectioning systems and automatic EM tissue processors, plus glass knife makers, freeze substitution systems and a wide range of associated accessories used in both the material science and cell biology markets. For more information visit <http://www.rmcbocckeler.com>

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## ABOUT ZEISS

ZEISS is the world's only one-stop manufacturer of light, X-ray and electron microscope systems. The portfolio includes solutions and services both for life sciences and materials research and for industry, education and clinical practice. The business group is headquartered in Jena. The business group employs a total of over 3,000 people. It generated revenue of 656 million euros in fiscal year 2013/14. For more information visit <http://www.zeiss.com/microscopy>

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