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**FOR IMMEDIATE RELEASE**

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**PITTCON® 2005  
Booth #4107**

**MISCO Unleashes “New Wave” of Bench-Top Refractometers at Pittcon.**

Company is First to Pair Microsoft Windows CE® Operating System with Laboratory Refractometer.

CLEVELAND, OH -- February 27, 2005 -- From the groundbreaking use of the Microsoft Windows CE® Operating System to the distinctive “wave” styling of their sturdy enclosures, the newly announced Abbe Max family of refractometers represents a bold New Wave in bench-top refractometers.

“Combining the power of an Intel microprocessor with the Windows graphical user-interface and precision-optics has produced one of the most powerful, yet easy-to-use, refractometers available,” says Michael Rainer, MISCO CEO. “The striking design and the innovative features of the Abbe Max family illustrate MISCO’s pride in producing high-quality precision instrumentation.”

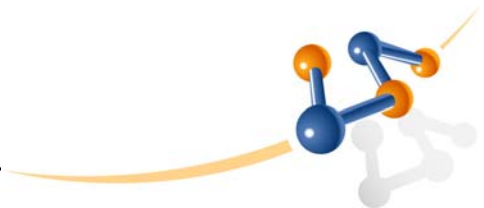
The unique MISCO Abbe Max family of refractometers is characterized by its power, precision, and performance.

**Power**

Abbe Max is the first refractometer in the world to take full advantage of Microsoft Windows® Operating System, providing unrivaled performance and a refined set of easy-to-use features. Thanks to the blistering speed and muscle of an Intel® computer microprocessor at the heart of the instrument and to the user-friendly Microsoft Windows CE® Operating System, Abbe Max is one of the most powerful, yet convenient-to-use, laboratory refractometers ever made.

-more -

*Quality You Can Measure™* . . . . .



### **Absolute Precision**

“Absolute Precision” is precision for real-world testing and represents the actual precision a user will be able to duplicate in the field. Not just theoretical precision obtainable under perfectly controlled laboratory conditions. The AMAX20 is the high-precision model with absolute rock-solid precision of  $\pm 0.00005$  refractive index (“nD”) between 1.3330 and 1.5800 nD, or  $\pm 0.01$  Brix precision between 0.0 and 85.0 Brix . The AMAX10 is a standard-precision instrument with an Absolute Precision of  $\pm 0.0001$  nD ( $\pm 0.1$  Brix) over the same range.

Precision in Abbe Max is assured by a tightly integrated set of solid-state thermoelectric compensation elements that automatically keep the temperature of the optics and sample at a constant user-defined temperature. This completely eliminates the need to connect the refractometer to an external water bath to maintain a set temperature. Independent temperature control of the light source insures that both the wavelength and the quality of light remain constant throughout the operating range of the instrument.

Abbe Max Refractometers are designed to work in a wide range of environmental conditions. The precision optical components are isolated within a completely sealed optical assembly containing an innovative internal air-pressure compensation system. This insures that the optical components remain free of dust and condensation.

### **Performance - Comprehensive and Flexible**

The comprehensive feature set is both functional and accessible. Since Abbe Max employs the Microsoft Windows® Operating System, users familiar with Windows will find interfacing with the instrument both straightforward and intuitive. A brilliant high-resolution graphical screen serves as the main interface between the instrument and the operator. This friendly touch-sensitive device accepts the user's input and displays loads of useful information.

Abbe Max Refractometers come standard with scales for reading refractive index and Brix. Additional scales that read directly in a specific unit of measure are available from MISCO. A virtually unlimited number of these scales can be loaded into the instrument's 32 MB of onboard storage via the USB port on either instrument or from the removable Secure Digital Card on the AMAX20.

The customizable security features of the AMAX20 are the most complete of any refractometer available, making it ideally suited for ISO and GLP environments. It is fully compliant with the specifications of 21 CFR Part 11.

A world leader in the refractometer field, MISCO is headquartered in Cleveland, OH, home to the company for more than 55 years. MISCO designs, manufactures and sells a variety of refractometers, including: digital bench-top laboratory refractometers, inline process control refractometers, digital handheld refractometers, and traditional handheld instruments. For more information, or for technical assistance, please call (216) 831-1000, or access MISCO's new web site at [www.misco.com](http://www.misco.com).

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*For more information, please contact:*

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