

Press Release

Monday, October 27, 2008

Advanced Diamond Technologies Announces First Distribution Agreement for NaDiaProbes®

Romeoville, IL—October 27, 2008—Advanced Diamond Technologies (ADT) announces its first distribution agreement for its newly announced product family NaDiaProbes®, the world's first all-diamond probes for atomic force microscopy (AFM).

Nanoscience Instruments, the premier US-based distributor of nanotechnology instrumentation and supplies, will become the first distributor of NaDiaProbes. "NaDiaProbes have clear advantages for many applications, especially where tip durability is concerned. They will be instrumental in solving current and future challenges in nanotechnology R&D," said Mark Flowers, Nanoscience Instruments' co-founder.

Nanoscience Instruments is excited about supplying these unique all-diamond AFM probes to the growing nanoscience research community. According to Yole Développement, the market for microprobes and tips is expected to grow from 2007 to 2012 at a compound annual growth rate of 20-25 percent.

NaDiaProbes benefit from the unsurpassed hardness of diamond and will outlast standard silicon probes when imaging hard surfaces without sacrificing tip sharpness. NaDiaProbes also provide enhanced imaging performance on soft, sticky samples because of the low adhesion and low surface energy of diamond. They are suited for a wide variety of standard imaging applications as well as for applications in nanoscale metrology, inspection, and manufacturing.

"We developed NaDiaProbes not only to make superior AFM probes, but also to enable many new applications due to diamond's unmatched durability such as non-volatile memory devices and nanomanufacturing," said Dr. John Carlisle, ADT's chief technology officer. "We look forward to a long-term mutually beneficial relationship with Nanoscience Instruments."

NaDiaProbes can be ordered from Nanoscience Instruments' website at:
<http://store.nanoscience.com/store/pc/viewCategories.asp?idCategory=136>

About Advanced Diamond Technologies

ADT is the world leader in developing and applying diamond films for industrial, electronic, and medical applications. ADT is a World Economic Forum 2007 Technology Pioneer as well as a runner-up for the *Wall Street Journal's* 2006 Technology Innovation Award. ADT's UNCD® Wafers™ won the 2008 EuroAsia IC Industry Award in the Material Enabling category from *EuroAsia Semiconductor* magazine.

For more information about ADT, visit www.thindiamond.com.

The logo for Advanced Diamond Technologies, Inc. features a dark green rectangular background. On the left side, there is a white, stylized graphic of a diamond or a curved line. To the right of this graphic, the text "ADVANCED DIAMOND TECHNOLOGIES, INC." is written in a white, sans-serif, all-caps font.

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About Nanoscience Instruments, Inc.

Nanoscience Instruments, Inc. provides hundreds of products and services for nanoscience and supports research and engineering at universities, government laboratories, and industrial R&D facilities around the world. Product offerings include atomic force microscopes, 3D optical profilometers, and accessories for these and other high resolution microscopy techniques. Nanoscience offers a broad line of consumable items that includes AFM probes, chemicals for surface modification, STM supplies, and teaching materials and samples.

For more information about Nanoscience Instruments, visit www.nanoscience.com.

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