

ADA Technologies Mercury Removal Products Outrank the Competition

Denver (August 21, 2006): Two products developed by Littleton-based ADA Technologies were named the most effective for removal of mercury from dental amalgam. In a study comparing 15 available products, the ADA-developed products ranked first and second, the MRU10c and the PUREVAC Hg Amalgam Separator. ADA's products are marketed worldwide by Sultan Healthcare under the PUREVAC® Hg brand name.

The study, which was conducted by the American Dental Association, measured the amalgam removal efficiency of the tested products using a standard established by the International Organization for Standardization (ISO Standard 11143). Using this standard, the MRU10c had an efficiency of 99.97 percent and Purevac Hg Amalgam Separator had an efficiency of 99.91 percent, making them the two highest ranked products tested. Results of the study were reported in the July 2006 issue of the Journal of American Dental Association.

Dental amalgam is a mixture of silver, mercury and other trace metals used for silver fillings. According to the EPA's Roadmap for Mercury (July 2006), dental offices release a significant amount of mercury to municipal sewer systems during the placing of new fillings and extraction of worn fillings. Dentists in the U.S. use about 34 metric tons of mercury per year.

As environmental concerns related to mercury grow, many municipalities throughout the country mandate that dental offices limit amalgam discharges. According to the study's authors, some cities require "that dental offices install amalgam separators with 95 or even 99 percent...efficiency."

ADA Technologies developed the MRU10c and Purevac Hg Amalgam Separator with funding from the National Institute of Dental & Craniofacial Research, an arm of the National Institutes of Health.

Sultan Healthcare Inc., based in Englewood NJ, is the leading manufacturer of evacuation system cleaners in the Dental Market with its PUREVAC® Brand. ADA Partnered with Sultan Healthcare to market and sell the PUREVAC® Hg Mercury Collection System.

ADA's amalgam recovery technologies are used in the state-of-the-art University of Colorado Health Sciences Center Dental Clinic on the Fitzsimons Campus in Aurora, Colorado, and are installed at university-affiliated dental clinics in Texas, New York, Illinois, and Nevada, as well as military dental clinics across the country.

ADA Technologies, Inc.

Littleton, Colorado-based ADA Technologies, Inc. is a research, development, and commercialization company that specializes in creating and converting innovative technologies to commercial successes. ADA has been awarded more than 125 research grants totaling more than \$40 million and holds numerous patents for its technologies, which focus on solving problems threatening the health, security, environment and quality of life worldwide. It was named Colorado's Top Technology Company 2005 by ColoradoBiz magazine and was recently selected as one of the 25 Best Companies to Work for in Colorado. For more information, please visit www.adatech.com or call 303-792-5615.

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