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Portable microscope features on-screen views

Compact iLoupe XL for professionals offered only by Aven

ANN ARBOR, MI – April 22, 2009 -- A versatile microscope with rotating lens brings advanced digital enlargement and image capture features to a hand-held format for the first time. The iLoupe XL, a second-generation model with added capabilities, is manufactured exclusively for Aven, Inc.

The new product magnifies from three to 300 times and has a 5.1-megapixel, high-resolution sensor for detailed images. Six white-light LEDs with an adjustable intensity control assure clear, bright images, and the lens tube rotates 180 degrees for capturing any angle.

"We upgraded the iLoupe significantly in response to users' comments," says Mike Shahpurwala, president and marketing director of Aven, a Michigan supplier of high-performance assembly, diagnostic and maintenance tools. "Improvements make this the most sophisticated portable microscope available."

A touchpad menu and intuitive controls simplify use. The two-inch LCD display makes it easy to frame fields precisely before capture and storage on an SD card that's included. The iLoupe captures images in JPEG format for convenient sharing and computer editing.

"It's a practical, lightweight field microscope that meets professional standards for engineers, scientists, doctors, technical photographers and other specialists," says Shahpurwala.

Applications include materials analysis, engineering work, redesign documentation, quality control inspection, troubleshooting, lab work, crime scene investigation, scientific field studies, illustrated presentations, education research or demonstrations and images for online or print use.

A rechargeable lithium-ion battery allows continuous operation for five hours or standby use for up to seven hours.

The unit is almost pocket-size at 2.5 inches (65 mm) wide, 6 inches (157 mm) high and 1.5 inches (39 mm) deep. It slips conveniently into a briefcase, toolkit, belt pouch or shoulder pack.

"The iLoupe XL is easy to have ready when and where you need it," states Shahpurwala.

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Aven, Inc. is an international source of high-performance precision tools and optical inspection systems for industrial, scientific, research and education applications. Product lines include alignment tools, video inspection systems, magnifiers, precision knives, pliers and cutters, illumination equipment and other workbench solutions. An electronics innovator since 1983, Aven is located in a high-tech corridor of Southeast Michigan and is the parent company SharpVue, which designs and manufactures integrated digital microscope technology.

For more information, call Aven at (734) 973-0099 or see www.aveninc.com for a digital catalog and video demonstrations.

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