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## **Aven's VGA Color Digital Camera Is High-Def Inspection Instrument**

ANN ARBOR, MI – Aug. 27, 2010 – Quality-control checks improve when inspectors see video magnification on an eye-level monitor, rather than bending over a scope. That productivity and accuracy advantage is delivered by the VGA Color Digital Camera from Aven, Inc.

It mounts on any microscope and feeds a high-definition signal to the VGA input connection on any monitor, eliminating PC compatibility issues and saving bench space.

Aven's scientific-grade optical instrument has a 1/3-inch 2-megapixel CMOS sensor, digital signal processing (DSP) circuitry and four resolution settings.

"Video microscopy allows quick, precise inspections of manufactured parts, circuit boards, surface mount technology and other products," says Mike Shahpurwala, president of Aven.

"Operators examine magnified parts more comfortably on a video monitor than through microscope eyepieces, which can strain the neck and back."

He adds: "A well-designed video microscope inspection station improves alertness and reduces defect rates."

Aven's new high-speed camera delivers 50-60 frames per second and has freeze-frame capability to show defects to colleagues. It also includes, a cross-hair cursor for measurement and a low lux setting for reduced light situations. Adjustments are available for black-and-white video, automatic exposure or manual, and negative image for greater contrast. It attaches to an eyepiece or trinocular phototube with a C or CS mount.

In addition to QC reviews of industrial parts and semiconductor devices, the VGA Color Digital Camera is useful for live training demonstrations via a CCTV monitor.

For more information, call Aven at (734) 973-0099. A digital catalog is at [www.aveninc.com](http://www.aveninc.com).

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Visit Aven at Booth E-4860 of the International Manufacturing Technology Show (IMTS) in Chicago from Sept. 13-18 or at Booth 4308 of the Medical Design & Manufacturing expo (MD&M Midwest) near Chicago from Sept. 28-30.