NEW from Lenox Instrument Company

The Expandable, High-Quality Borescope System!
The Modular System that Addresses Your Current...and Future...Inspection Needs by Simply Adding Components!

- Replace up to 18 conventional borescopes with one affordable, convenient, state-of-the-art system!
- Enter through openings as small as 3/16-inch!
- Inspect via direct, right angle, forward oblique or retrospective viewing angles with 10° to 85° fields of view and 360° orbital viewing!
- Adjust length or change viewing angle in seconds!
- Add viewing angles or lengthen unit by purchasing off-the-shelf components!
- Precision-machined optics produces bright, sharp image in eyepiece or on a video monitor!
- Take advantage of high-resolution fiber optics and high-tech modular design for less than the cost of other multiple borescope packages!

✓ Engine, turbine, automotive, aircraft, military, QC/QA and NDT inspections
✓ Examine welds, seams, joints, valves, tubing, pipes, castings, machine parts, etc.
✓ Search for corrosion, leaks, cracks, stress, blockages, deposits or debris
✓ Factory or field inspections where different lengths and viewing angles may be required
✓ Use one inspection device in place of several, saving considerable time and money!
✓ Purchase just the system you need, then expand your system by adding components at any time

Applications
**UNIVERSAL INSPECTOR**: Eighty years of precision optical expertise has resulted in a modular, high-resolution, fiber-optic inspection instrument that offers multiple lengths and multiple viewing angles in one affordable, expandable system!

- **Selection of Viewing Angles**: Six objective lenses are available, three with forward viewing angles (10°, 40° and 85° fields of view), as well as right-angle, forward oblique and retrodirective. Objective sleeves are available with right-angle, forward oblique and retrodirective viewing angles.
- **Exceptional Quality and Value**: The **UNIVERSAL INSPECTOR** produces the highest resolution and the brightest optics for thousands of dollars less than the cost of several separate borescopes!
- **Selection of Outer Diameters and Working Lengths**: The **UNIVERSAL INSPECTOR** is available in .157-inch (4mm), .217-inch (5.5mm) or .315-inch (8mm) outer diameters, and in working lengths from 14.57 inches (370mm) to 42.5 inches (1075mm).
- **Waterproof Instrument**: With an objective sleeve installed over the Universal Eyepiece Assembly, the **UNIVERSAL INSPECTOR** is waterproof!
- **Instrument Case**: A compact and durable carry case that’s no larger than a briefcase, keeps all **UNIVERSAL INSPECTOR** components and accessories conveniently in one place.
- **Borescope**: Use the **UNIVERSAL INSPECTOR’S** eyepiece to view your inspection, or attach a camera adapter and view the inspection on a video monitor, videotape or photograph it, or output the image to a PC!
- **One System Replaces Several Instruments**: Configure a system that meets your immediate inspection needs, then grow your system by adding in-stock components as you need them!

The heart of the system is the **Universal Eyepiece Assembly** which includes focus control and specific working length. A light source and cable are also required. The **Universal Eyepiece Assembly** is completed by attaching a short objective lens or a slide-on objective sleeve. The working length is increased by adding extensions, and a camera adapter is attached to the eyepiece for video inspection, videotaping, photographing or digital output.

For a complete list of the working lengths and outer diameters in which the **UNIVERSAL INSPECTOR** is available, and a description of all components and accessories, please refer to the **UNIVERSAL INSPECTOR** Components and Accessories List.

**Lenox Instrument Company**
265 Andrews Road, Scottsville Industrial Park
Trevose, Pennsylvania 19053-3427 **USA**
Telephone: (215) 322-9990 • Fax: (215) 322-6126
Toll-Free: 1-800-356-1104 • E-Mail: sales@lenoxinst.com

**World-Class Products at Real-World Prices**