

## Providing High-Performance Inspection with an Articulated Tip

The Lenox Fiberscope (flexible borescope) is designed to tackle tough inspection problems in highly inaccessible and inhospitable places. The Fiberscope is ideal for inspection of engines, equipment, tubing, pipes, castings and other hard-to-access cavities. The scope allows for high-resolution inspection to identify flaws as minute as .001-inch.

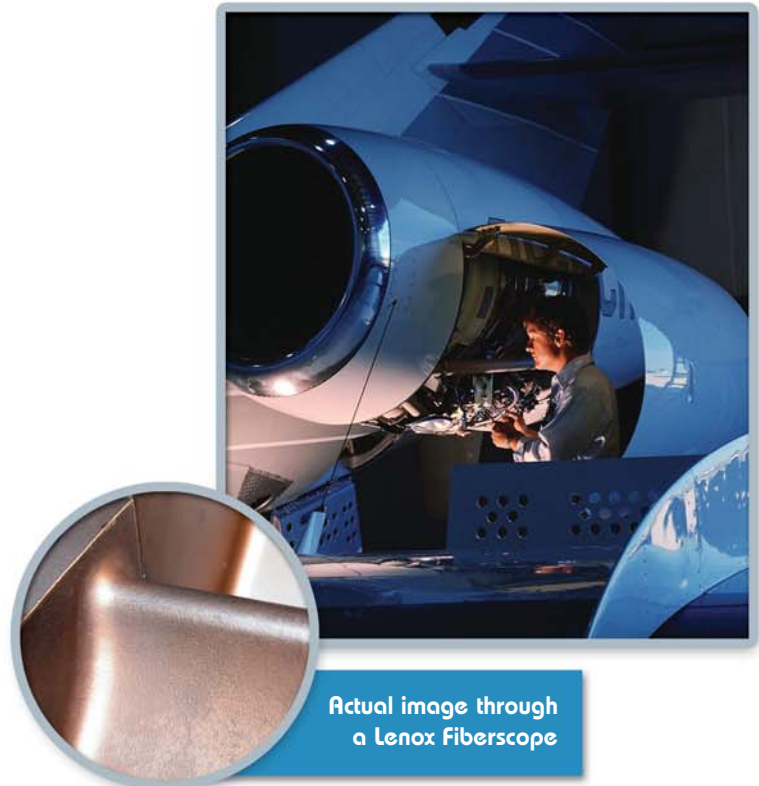
For efficient viewing inside complex assemblies, Lenox flexible fiberscopes feature a tight bending radius and a totally steerable 2- or 4-way articulated tip that allows easy manipulation around corners, through pipe bends and past blockages. Diameters range from 3.5 mm (.140 inch) to 8 mm (.315 inch), with lengths to 6 m (18 feet).

Lenox Fiberscope construction ensures a highly uniform fiber configuration through the length of the probe to produce the best possible image resolution and virtually zero distortion. The objective lens (standard direct view or optional right angle) is placed at the distal tip for problem-free focusing. Optical bundles are waterproof and protected by a completely enclosed flexible stainless steel housing for smooth maneuverability around the sharpest corners and elbows, without sacrificing either the brightness or clarity of the image through the eyepiece.

All models in the Fiberscope line are fully digital- and video-adaptable, allowing for the viewing and recording of real-time or still images for reference. Fiberscopes are compatible with other Lenox accessories such as complete color video systems and light sources (standard and portable versions) for self-contained illumination of the inspection area. Additionally, Fiberscopes are backed by Lenox's industry-leading two-year warranty.



Fiberscope with optional light source



Actual image through a Lenox Fiberscope

## Fiberscopes with Articulation

Diameter	Working Length	Stock Number	Description
3.5 mm .140inch	610 mm 24inches	5001K-3.524D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
3.5 mm .140 inch	610 mm 24 inches	5001K-3.524DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
3.5 mm .140 inch	1 m 40 inches	5001K-3.540D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
3.5 mm .140 inch	1 m 40 inches	5001K-3.540DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
3.5 mm .140 inch	1.4 m 55 inches	5001K-3.555D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
3.5 mm .140 inch	1.4 m 55 inches	5001K-3.555DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
6 mm .236 inch	610 mm 24 inches	5001K-624HDR	2 way articulation, 50° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
6 mm .236 inch	1 m 40 inches	5001K-640HDR	2 way articulation, 50° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
6 mm .236 inch	1.5 m 58 inches	5001K-660D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
6 mm .236 inch	1.5 m 58 inches	5001K-660DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
6 mm .236 inch	2 m 78 inches	5001K-680D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
6 mm .236 inch	2 m 78 inches	5001K-680DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
6 mm .236 inch	3 m 118 inches	5001K-6120D	2 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
6 mm .236 inch	3 m 118 inches	5001K-6120DR	2 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
8 mm .315 inch	1 m 40 inches	5001K-840D	4 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
8 mm .315 inch	1 m 40 inches	5001K-840DR	4 way articulation, 70° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
8 mm .315 inch	1.6 m 63 inches	5001K-863D	4 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
8 mm .315 inch	1.6 m 63 inches	5001K-863DR	4 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
8 mm .315 inch	2 m 78 inches	5001K-878D	4 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
8 mm .315 inch	2 m 78 inches	5001K-878DR	4 way articulation, 45° field of view <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case
8 mm .315 inch	3 m 118 inches	5001K-8120D	4 way articulation, 70° field of view <b>Includes:</b> light cable, direct viewing head, carrying case
8 mm .315 inch	3 m 118 inches	5001K-8120DR	4 way articulation, 70° field of view. <b>Includes:</b> light cable, dir. & rt. angle heads, carrying case

Flexible Borescopes require a Light Source for proper use.

## Fiberscope Accessories



Stock Number	Description
3000LS-150	Light Source (150w output, 50-60hz)
3000LS-1000	Light Source (300w output, 50-60hz)
3000LS-6VDC	Portable DC Light Source (150w output)
10515K-0000	Color Video Package (Camera, Monitor and Camera Adapter)
515-0186	Mini Digital Recorder w/ 4" LCD