



INSTRUMENT TECHNOLOGY, INC.

Series 127000 Fiberscopes



Features:

- Featuring ProTech[®] over-torque prevention
- Superior body design
- Best overall in optical performance



Small diameter fibers densely packed to yield maximum resolution is only the beginning for these top quality, innovative fiberscopes. They have a superior body design that allows for one-handed use (either right or left hand) and fingertip control of articulating knobs and ratchet locks.

In addition, each ITI Fiberscope design is cycle-tested (articulated over 200,000 cycles with and without the tip constrained) to insure extended field life and ability to match original articulation specifications.

The exceptional feature of these Fiberscopes is ITI's **PROTECH[®]** over-torque design. Patented, innovative, and light years ahead of the competition, **PROTECH[®]** offers unequalled scope protection by significantly reducing costly accidental cable damage within the fiberscope that can occur when:

- the operator articulates the tip when the end is constrained
- the operator tries to withdraw the fiberscope from an access hole before the tip has been straightened.

Because **PROTECH[®]** virtually eliminates such common breakage, it enables:

- longer scope life
- reduced downtime and repair costs
- less operator fatigue
- overall lower lifetime cost yielding lower inspection cost.

Choose from two (2) outer fiberscope jackets:

Urethane – tough durable jacket with insertion scale printed on jacket exterior for determination of insertion depth.

Tungsten – extremely flexible and durable braided jacket for difficult and/or abrasive environments.

Model No.	Diameter mm	Standard Working Lengths (Meters) (Optional Lengths Available)						Articulation		Standard Viewing Heads		Interchangeable Viewing Heads		
		0.4	1.0	1.5	-	-	-	2-Way	4-Way	FOV	LOS	Model	FOV	LOS
127003	3	0.4	1.0	1.5	-	-	-	±100°	-	50°	F	127003	50°	RA
127004	4	0.4	1.0	1.5	-	-	-	±130°	-	40°	F	127004	40°	RA
127005	5	0.5	1.0	1.5	-	-	-	-	U/D±130° R/L±130°	60°	F	127005	60°	RA
127006	6	0.5	1.0	1.5	2.0	2.5	3.0	-	U/D±130° R/L±130°	60°	Interchangeable F	127006	20°, 40° 60°, 100°	F, RA
127008	8	0.5	1.0	1.5	2.0	2.5	3.0	-	U/D±130° R/L±130°	60°	Interchangeable F	127008	20°, 40° 60°, 100°	F, RA
127012	12	0.5	1.0	1.5	2.0	2.5	3.0	-	U/D±130° R/L±130°	60°	Interchangeable F	127012	20°, 40° 60°, 100°	F, RA

When ordering, specify model number/dia./working length and viewing heads. Example: 127008/8mm/2M with 127008/60°/RA Line-of-Sight (LOS): F-0°, RA-90°