



## ITI Micro Borescope Series

RIGID MICRO BORESCOPE • SEMI-RIGID MICRO BORESCOPE • SEMI-FLEXIBLE MICRO FIBERSCOPE

Tackle remote inspection in small-diameter, restricted areas with precision and ease.

The ITI Micro Series is engineered to inspect and capture bright, sharp, uniform images and video in environments with openings smaller than 4mm (.157") in diameter.

Rigid Micro Borescope



Semi-Rigid Micro Borescope



Semi-Flexible Micro Fiberscope



Optional camera



Instantly switch from eyepiece to camera

### APPLICATIONS

- Medical device manufacturing
- Printed circuit board quality
- Auto manufacturing
- Castings
- And more

Choose from three types of **PROBES**, many lines of sight (LOS) and fields of view (FOV).

Instantly switch from eyepiece to camera with the ITI **DIRECT-CONNECT** feature. No camera-to-eyepiece adapter means no optical degradation.

Reduce errant colors with ITI's **TRUE COLOR MAGNIFICATION** system.

Convert rigid and semi-rigid into side viewing scopes with rotary mirror sleeve.

### ITI RIGID MICRO BORESCOPE (Series 124300)

	Model Number	Diameter		RMS* Diameter		Working Length			Field of View (FOV)	Line of Sight		
		mm	inch	mm	inch	cm (inch)				F	FO	RA
<ul style="list-style-type: none"> <li>Available in <b>PROBE DIAMETERS</b> from .5mm (.02") to 3.2mm (.13") and working lengths from 6cm (2.36") to 27cm (10.63")</li> <li>Ideal for extremely small, straight, <b>RESTRICTED AREAS</b></li> <li><b>GRADIENT INDEX ROD</b> lenses produce exceptionally clear images and video</li> </ul>	124305	0.5	.0195"	0.67	.0265"	4 (1.6)			45°	X		
	124310	1.0	.041"	1.5	.059"	6 (2.4)	10 (4.1)		45°	X	X	X
	124317	1.7	.066"	2.2	.084"	6 (2.4)	10 (4.1)	15 (5.9)	20°- 45°- 60°	X	X	X
	124322	2.2	.084"	2.8	.110"	6 (2.4)	10 (4.1)	15 (5.9)	20°- 45°- 60°	X	X	X
	124332	3.2	.126"	4.0	.157"	7.5 (2.9)	17 (6.7)	27 (10.6)	20°- 40°- 70°	X	X	X

### ITI SEMI-RIGID MICRO BORESCOPE (Series 124500)

	Model Number	Diameter		RMS* Diameter		Working Length			Field of View (FOV)	Line of Sight		
		mm	inch	mm	inch	cm (inch)				F	FO	RA
<ul style="list-style-type: none"> <li>Available in <b>PROBE DIAMETERS</b> from 1mm (0.04") to 3.2mm (.13") and working lengths from 7.5cm (2.95") to 50cm (19.69")</li> <li>More <b>FLEXIBLE</b> than a rigid scope, yet durable via protective stainless steel outer tube</li> <li>High resolution images and video via <b>FUSED IMAGE GUIDES</b></li> </ul>	124510	1.0	.041"	1.5	.059"	7.5 (3.0)	15 (5.9)	30 (11.8)	55°	X	X	X
	124517	1.7	.066"	2.2	.084"	7.5 (3.0)	15 (5.9)	30 (11.8)	20°- 45°- 60°	X	X	X
	124522	2.2	.084"	2.8	.110"	7.5 (3.0)	15 (5.9)	30 (11.8)	20°- 45°- 60°	X	X	X
	124532	3.2	.126"	4.0	.157"	12.5 (4.9)	25 (9.8)	50 (19.7)	20°- 60°- 80°	X	X	X

### ITI SEMI-FLEXIBLE MICRO FIBERSCOPE (Series 124700)

	Model Number	Diameter		Working Length (meters)					Field of View (FOV)	Line of Sight			
		mm	inch	0.25	0.50	0.75	1.0	1.5		2.0	F	FO	RA
<ul style="list-style-type: none"> <li>Available in <b>PROBE DIAMETERS</b> from .37mm (.014") to 4mm (.16") and working lengths from .025m (9.8") to 2m (78.7")</li> <li>Ideal for maneuvering around corners in <b>TIGHT SPACES</b>.</li> <li><b>FLEXIBLE</b> Urethane sheathing</li> <li>High resolution images and video via <b>FUSED IMAGE GUIDES</b></li> </ul>	124704	.37	.014"	X						55°	X		
	124707	0.7	.031"	X	X	X	X	X		70°	X		
	124715	1.5	.062"	X	X	X	X	X	X	55°	X	X	X
	124720	2.0	.080"	X	X	X	X	X	X	20°- 45°- 60°	X	X	X
	124740	4.0	.160"	X	X	X	X	X	X	20°- 60°- 80°	X	X	X

\* Rotary Mirror Sleeves (RMS) are available on F LOS Standard Body scopes.



Optional camera