



INSTRUMENT TECHNOLOGY, INC.

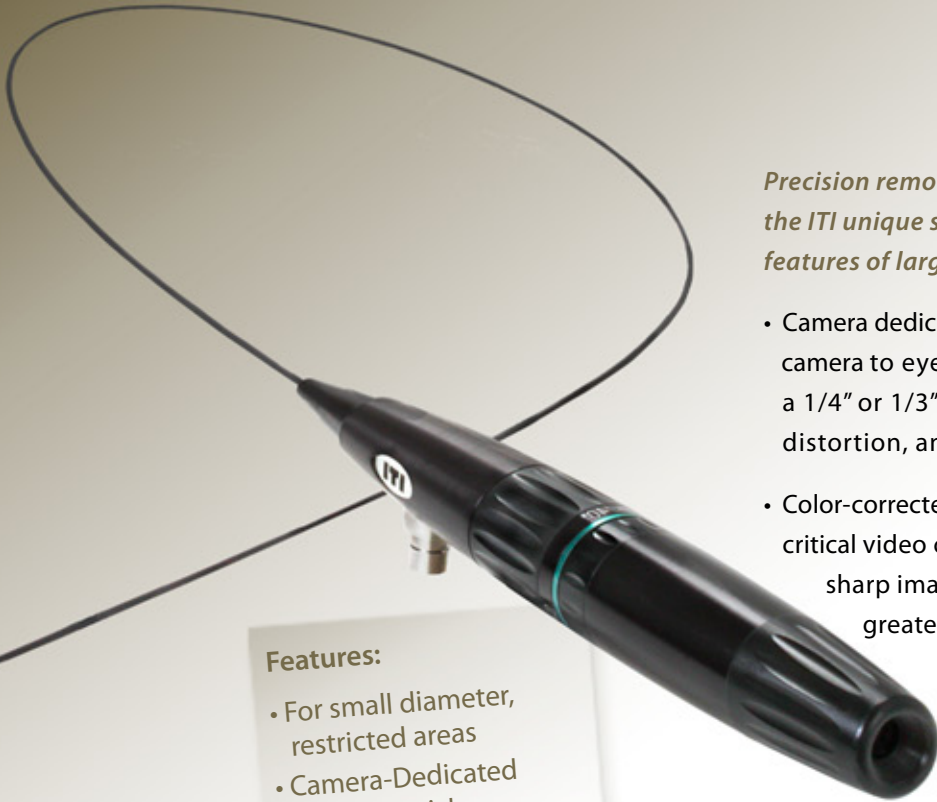
Series **124000** Micro Borescopes

Precision remote viewing is accurate and effortless with the ITI unique selection of micros that are packed with features of larger borescopes, including:

- Camera dedication that allows quick change from video camera to eyepiece with direct coupling of either a 1/4" or 1/3" video camera, elimination of eyepiece distortion, and unmatched video performance.
- Color-corrected magnification system designed to match critical video camera requirements and provide bright, sharp images, superior visual performance, and greater edge illumination.

Features:

- For small diameter, restricted areas
- Camera-Dedicated with ITI Quick Disconnect feature
- Color-Corrected Magnification System



Semi-Flexible Micro Borescope

Semi-Rigid Micro Borescope



Rigid Micro Borescope



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Series **124000** Micro Borescopes

Series 124300 Rigid Micro Borescopes with gradient rod lenses. For viewing and/or inspecting into extremely small, straight, restricted areas. Featuring gradient rod lenses for exceptionally clear images. Unlike regular lenses that use lens curvature and glass index for image formation, gradient lenses form images through a variable (gradient) glass index.

Model No.	Diameter	WL (cm)	FOV	LOS
124305	0.5mm	6	45°	F
124310	1.0mm	6 & 10	45°	F-FO-RA
124317	1.7mm	6,10 & 15	20°-45°-60°	F-FO-RA
124322	2.2mm	6,10 & 15	20°-45°-60°	F-FO-RA
124332	3.2mm	7.5, 17 & 27	20°-45°-60°	F-FO-RA

Series 124500 Semi-Rigid Micro Borescopes with fused quartz image guides in stainless steel sheathing. For applications that require greater durability or longer working lengths than offered by standard rod lens Rigid Micro Borescopes, these provide a practical, workable solution by combining the protective stainless steel outer tube of a Rigid Micro Borescope with the high resolution, fused image guide of a Semi-Flexible Micro Borescope.

Model No.	Diameter	WL (cm)	FOV	LOS
124510	1.0mm	7.5, 15 & 30	55°	F-FO
124517	1.7mm	7.5, 15 & 30	20°-45°-60°	F-FO-RA
124522	2.2mm	7.5, 15 & 30	20°-45°-60°	F-FO-RA
124532	3.2mm	12.5, 25 & 50	20°-45°-60°	F-FO-RA

Series 124700 Semi-Flexible Micro Borescopes with fused quartz image guides in flexible sheathing. Precision, high image quality is an ITI mark of distinction. Because optimal resolution is based on the tightest pixel density, ITI uses the best-fused image guides possible. In the process of manufacturing, glass fibers are drawn to the smallest diameter possible, packed to maximum density, then fused back together for structural strength. Maximum density is therefore achieved, resulting in the highest possible image quality in a semi-flexible image guide.

Model No.	Diameter	WL (cm)	FOV	LOS
124704	0.4mm	.25	55°	F
124707	0.7mm	0.25 - 1.5	70°	F
124715	1.5mm	0.25 - 2.0	55°	F-FO-RA
124720	2.0mm	0.25 - 2.0	20°-45°-60°	F-FO-RA
124740	4.0mm	0.25 - 2.0	20°-60°-80°	F-FO-RA

When ordering, specify model number/dia./working length/FOV/LOS. Example: 124317/1.7mm/10cm/40°/F-RMS
Line-of-Sight (LOS): F-0°, FO-15°, RA-90°