

# iFlex

100% Industrial Fiberscope



Made  
in  
Germany

**New!**

The ergonomic formed handpiece allows right and left handed people an comfortable, non fatigue and percise one-hand operation. The probe tip is articulated with control levers, which conveys each movement instantaneously, precise and directly. Every contact that is made in the inspection object can be felt. The iFlex Industrial Fiberscope does not need a locking device, this reduces the damages and avoids unnesessary repair costs. The extremely durable and pliable articulation section ensures that the videoendoscope is very precise in control and provides maximum articulation angle.

### Visualisation

iFlex Industrial Fiberscopes contain an optical image guide made of highly flexible, thin and parallel single fibres. This assures sharp and high-resolution pictures with high colour fidelity for professional inspections. A focusable ocular adjusts the optic system to the visual acuity of the viewer. Additional to the direct view objective, a side view tip adapter can be provided.

### Illumination

The integrated fibre light guide with high light transmission and the low loss light coupling between the light source and the light guide adaptor results into provides extremely bright object illumination. For optimal results it is recommended to use IT Concepts Illumination Accessories as light guide adaptors, light guide cables, light source adaptor and light sources.

### Documentation

The focussable 32mm standard DIN eyepiece opens a varity of different documentation options. Inspection images can be used for reports or archiving. For this purpose we recommend camera adaptors, CCD colour video camera, displays, monitors and documentation hubs from the accessories programm from IT Concepts.



Light Sources  
3W - 300W



90° Side View  
Tip Adapter



Wide Range of  
Camera Adapters



Video Cameras  
CCD & CMOS



Rigid  
Scope Grip



Rigid  
Scope Extension



Semi Flexible  
Guide Tube



Centerizing Tool  
for Pipe Inspection

2,4mm	Length	Articulation*	DoV	FoV	Pixel	Braid
2.4mm	0.4m	2-way ±120° L/R	0°	45°	6000	Tungsten
2.4mm	0.7m	2-way ±120° L/R	0°	45°	6000	Tungsten
2.4mm	1.0m	2-way ±120° L/R	0°	45°	6000	Tungsten
2.4mm	1.3m	2-way ±120° L/R	0°	45°	6000	Tungsten
<b>3,5mm</b>						
3.5mm	0.7m	2-way ±120° L/R	0°	50°	8000	Tungsten
3.5mm	1.0m	2-way ±120° L/R	0°	50°	8000	Tungsten
3.5mm	1.3m	2-way ±120° L/R	0°	50°	8000	Tungsten
3.5mm	1.5m	2-way ±120° L/R	0°	50°	8000	Tungsten
<b>4,0mm</b>						
4.0mm	1.0m	2-way ±120° L/R	0°/90°	50°	11500	Tungsten
4.0mm	1.3m	2-way ±120° L/R	0°/90°	50°	11500	Tungsten
4.0mm	1.5m	2-way ±120° L/R	0°/90°	50°	11500	Tungsten
4.0mm	2.0m	2-way ±120° L/R	0°/90°	50°	11500	Tungsten
<b>6,0mm</b>						
6.0mm	1.0m	2-way ±120° L/R	0°/90°	60°	12000	Tungsten
6.0mm	1.5m	2-way ±120° L/R	0°/90°	60°	12000	Tungsten
6.0mm	2.0m	2-way ±120° L/R	0°/90°	60°	12000	Tungsten
6.0mm	2.7m	2-way ±120° L/R	0°/90°	60°	12000	Tungsten
6.0mm	1.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000	Tungsten
6.0mm	1.5m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000	Tungsten
6.0mm	2.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000	Tungsten
6.0mm	2.7m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000	Tungsten
<b>8,0mm</b>						
8.0mm	1.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000	Tungsten
8.0mm	1.5m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000	Tungsten
8.0mm	2.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000	Tungsten
8.0mm	2.7m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000	Tungsten

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