

# Flexible Fiberscope

100% Industrial Fiberscope



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 Industrial Fiberscope does not need a locking device, this reduces the damages and avoids **unnecessary** repair costs. The extremely durable and pliable articulation section ensures that the videoendoscope is very precise in control and provides maximum articulation angle.

# iFLEX

## Flexible Fiberscope

- High resolution

Robust in use

Optical image guide made from highly flexible fibre glass

Focusable eyepiece
- Direct view / side view lens

Variable working lenghts

Many different probe diameters

Angular deflection of the probe tip

Diameter 2.4mm - 8.0mm



# microFLEX

## Flexible Fibrescope

- Elegant, high resolution, flexible

Variable working lenghts

Many different probe diameters

Special designs possible on request
- Optical image guide made from highly flexible fibre glass

Diameter 0.5mm - 1.8mm



Probe Ø 2.4mm				
Lenght	Articulation	DoV	FoV	Pixel
0.4m	2 way ±120° L/R	0°	45°	6000
0.7m	2 way ±120° L/R	0°	45°	6000
1.4m	2 way ±120° L/R	0°	45°	6000
1.3m	2 way ±120° L/R	0°	45°	6000
Probe Ø 3.5mm				
Lenght	Articulation	DoV	FoV	Pixel
0.7m	2 way ±120° L/R	0°	50°	8000
1.0m	2 way ±120° L/R	0°	50°	8000
1.3m	2 way ±120° L/R	0°	50°	8000
1.5m	2 way ±120° L/R	0°	50°	8000
Probe Ø 4.0mm				
Lenght	Articulation	DoV	FoV	Pixel
1.0m	2 way ±120° L/R	0°/90°	50°	11500
1.3m	2 way ±120° L/R	0°/90°	50°	11500
1.5m	2 way ±120° L/R	0°/90°	50°	11500
2.0m	2 way ±120° L/R	0°/90°	50°	11500

Probe Ø 6.0mm				
Lenght	Articulation	DoV	FoV	Pixel
1.0m	2 way ±120° L/R	0°/90°	60°	12000
1.5m	2 way ±120° L/R	0°/90°	60°	12000
2.0m	2 way ±120° L/R	0°/90°	60°	12000
2.7m	2 way ±120° L/R	0°/90°	60°	12000
1.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000
1.5m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000
2.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000
2.7m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	12000
Probe Ø 8.0mm				
Lenght	Articulation	DoV	FoV	Pixel
1.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000
1.5m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000
2.0m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000
2.7m	4-way ±100° L/R - 160° UP - 130° DW	0°/90°	60°	16000
Braid :	Multilayer tungsten			

Probe Ø	Working lenght	Bending Radius	DoV	FoV	Pixel	Braid
0.5mm	special designs up to 2000mm	min. 20mm	0°	70°	6000	PU
0.7mm	special designs up to 2000mm	min. 20mm	0°	70°	6000	PU
0.9mm	special designs up to 2000mm	min. 20mm	0°	70°	6000	PU
1.2mm	special designs up to 2000mm	min. 20mm	0°	70°	6000	PU
1.4mm	special designs up to 2000mm	min. 20mm	0°	70°	10000	PU
1.6mm	special designs up to 2000mm	min. 20mm	0°	70°	10000	PU
1.8mm	special designs up to 2000mm	min. 20mm	0°	70°	10000	PU

## MADE IN GERMANY

IT Concepts designs and manufactures worldwide with over 500 highly qualified and motivated employees electronic and optomechanical assembly groups and systems.

The product range extends from individual components for industrial and medical endoscopes over to video endoscopic systems and solutions for Remote Visual Inspection and Security.

For more than 10 years IT Concepts develops and produces all endoscopes „Made in Germany“ at the European headquarters Lahnau near Wetzlar, the City-of-Optics.

The top priority for the entire team in Lahnau is to provide customers with expertise and excellent service

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