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iCONCEPTS
IMAGING SOLUTIONS

iFlex

Flexibel Fiberscope



High resolution
 Robust in use
 Optical image guide made from highly flexible fibre glass
 Focusable eyepiece

Direct view / side view lens
 Variable working lengths
 Many different probe diameters
 Angular deflection of the probe tip
 Diameter 2.4mm - 8.0mm

Technical data

Probe Ø 2.4mm

Length	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

Length	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

Length	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

Length	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

Length	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