

iFlex

Flexible Fiberscopes

- specifically developed for industrial applications
- high-resolution image guides
- 90° Side View Tip Adapter (optional)
- maximum light transmission
- real one-handed operation
- sensitive zero-point of the articulation
- tactile probe contact in objects
- permanent deceleration of the controller cables
- durable tungsten sheathing
- liquid-tight probe up to 1 bar
- splash proofed handle



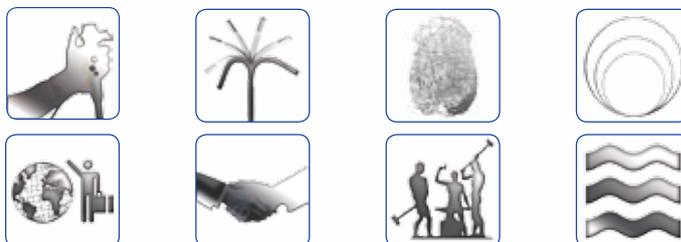
iFlex Fiberscopes contain an optical image guide made of highly flexible, thin and parallel single fibres.

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.

The integrated fibre light guide with high light transmission provides extremely bright object illumination. These components – build in high precision by IT Concepts – assure sharp and high-resolution pictures with high colour fidelity for professional inspections. A specifically designed convenient one-handed operation without probe detent avoids severing of the controller cables and therefore assures extremely high durability.

iFlex Fiberscopes can be provided with working lengths of 1.0m to 3.0m, with diameter 2.4mm, 3.5mm, 4.0mm, 6.0mm and 8.0mm, as well as 2 or 4-way articulation.

The large choice of accessories as cold-light sources, cameras and imaging hubs allows remote visual inspections for any application.



Model	Probe ø	Working length	Articulation	Articulating angle	Field of View	Side View Tip	Resolution
ART2-2-040	2.4mm	0.4m	2-way	+/- 120°	45°	No	6000
ART2-2-070	2.4mm	0.7m	2-way	+/- 120°	45°	No	6000
ART2-2-100	2.4mm	1.0m	2-way	+/- 120°	45°	No	6000
ART2-2-130	2.4mm	1.3m	2-way	+/- 120°	45°	No	6000
ART2-3-070	3.5mm	0.7m	2-way	+/- 120°	50°	No	8000
ART2-3-100	3.5mm	1.0m	2-way	+/- 120°	50°	No	8000
ART2-3-130	3.5mm	1.3m	2-way	+/- 120°	50°	No	8000
ART2-3-150	3.5mm	1.5m	2-way	+/- 120°	50°	No	8000
ART2-4-100	4.0mm	1.0m	2-way	+/- 120°	50°	Yes	11500
ART2-4-130	4.0mm	1.3m	2-way	+/- 120°	50°	Yes	11500
ART2-4-150	4.0mm	1.5m	2-way	+/- 120°	50°	Yes	11500
ART2-4-200	4.0mm	2.0m	2-way	+/- 120°	50°	Yes	11500
ART2-6-100	6.0mm	1.0m	2-way	+/- 120°	60°	Yes	12000
ART2-6-150	6.0mm	1.5m	2-way	+/- 120°	60°	Yes	12000
ART2-6-200	6.0mm	2.0m	2-way	+/- 120°	60°	Yes	12000
ART2-6-300	6.0mm	2.7m	2-way	+/- 120°	60°	Yes	12000
ART4-6-100	6.0mm	1.0m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	12000
ART4-6-150	6.0mm	1.5m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	12000
ART4-6-200	6.0mm	2.0m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	12000
ART4-6-300	6.0mm	2.7m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	12000
ART4-8-100	8.0mm	1.0m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	16000
ART4-8-150	8.0mm	1.5m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	16000
ART4-8-200	8.0mm	2.0m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	16000
ART4-8-300	8.0mm	2.7m	4-way	+/- 100° L/R 160° UP / 130° DW	60°	Yes	16000

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