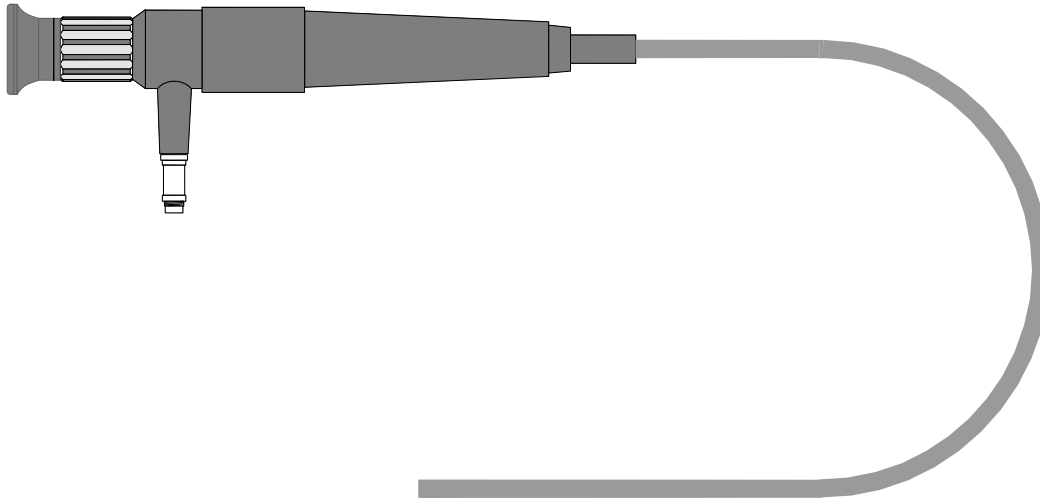


AVIASCOPE / LFB

Flexible endoscopes



- Available outer diameters standard 4mm, 6mm, 8mm and 11mm.
- Standard working lengths from 0.5m to 8m (up to 12m on request)
- Eyepiece with adjustable focus
- Integrated objective with vision direction 0° and 70° field of view. The optional available objective with 50° f.o.v can be used with interchangeable mirrors for vision direction 70° forward-oblique, 90° lateral and 110° retrograde
- High resolution fibre optic image transmission system; single fibre dia. 3-4µm
- PMMA light transmission system for increased illumination intensity
- Rugged construction for daily reliable use in industrial environments. The outer sheet of 4mm Ø endoscopes is made of a rugged plastic material. All other models are supplied with a 4-layer security sheeting (outer sheet made of flexible stainless steel spiral, plastic on request).

Features

The AVIASCOPIES / LFB flexible endoscopes are of the same high quality than the FB-range. The difference is, that all LFB-types are manufactured without a remote controlled end-tip angulation. Therefore, these instruments are the economic solution for

inspecting of any kind of long, curved tubes where an end-tip angulation would be useless. Furthermore these instruments are ideal suitable for continuous inspections on a fixed position for example through a guide tube.

Description

Instrument line

Diameter [mm]	Working length [mm]	Pixel	Order No.
4	500	10000	LFB-04-0500-70
4	1000	10000	LFB-04-1000-70
4	1500	10000	LFB-04-1500-70
4	2000	10000	LFB-04-2000-70
4	3000	10000	LFB-04-3000-70
4	4000	10000	LFB-04-4000-70
6	0500	10000	LFB-06-0500-70
6	1000	10000	LFB-06-1000-70
6	1500	10000	LFB-06-1500-70
6	2000	10000	LFB-06-2000-70
6	3000	10000	LFB-06-3000-70
6	4000	10000	LFB-06-4000-70
8	1000	30000	LFB-08-1000-70
8	2000	30000	LFB-08-2000-70
8	3000	30000	LFB-08-3000-70
8	4000	30000	LFB-08-4000-70
8	5000	30000	LFB-08-5000-70
8	6000	30000	LFB-08-6000-70
11	1000	30000	LFB-11-1000-70
11	2000	30000	LFB-11-2000-70
11	3000	30000	LFB-11-3000-70
11	4000	30000	LFB-11-4000-70
11	6000	30000	LFB-11-6000-70
11	8000	30000	LFB-11-8000-70

All a/m standard instruments with vision direction of 0° and 70° field of view

Any LFB-Fibrescope will be supplied in a rugged, impact resistant case for transport and storage including cleaning material and instruction manual

Options

- All listed models can be manufactured with a f.o.v. of 100° wide angle
- All listed models can be manufactured with a f.o.v. of 50° standard
- All instruments with f.o.v. 50° can be used with interchangeable mirror attachments with 70° forward-oblique, 90° lateral and/or 110° retrograde
- All instruments can be manufactured with a C-mount connection instead of a standard BS-eyepiece for direct connection to a CCD-camera
- Instruments with other specification in view of diameter, length, f.o.v. etc. can be realized on customers request