

Flexible Micro Endoscopes

IT Concepts develops and manufactures a full line of industrial flexible fiberscopes for professionals who require high quality visual inspection equipment. Combined with a complete range of accessories, like light sources, CCD cameras, Video-devices and custom made adjustments, IT Concepts is your partner for remote visual solutions.

Our engineers design and manufacture all of the essential components, including lenses and fiber-optic image bundles, for our instruments. This provides as a substantial cost advantage which allows us to meet your visual inspection needs at the most affordable prices.



- integrated fibre optic
- equipped with fittings for all common light guides (Storz, Olympus, Wolf, ACMI)
- eyepiece fits all common TV-Adapters
- angle of view: 0°
- field of view: 70°
- smallest flexibility Ø: 20 mm
- complete sealed system
- working distance 5mm to infinite (or to customers request)

| Diameter | Image bundle | Optical System | Definition | IT Concepts-No. |
|---|--------------|---------------------------|--------------|-----------------|
| 0,5 mm | Fused silica | Gradient optics | 6.000 pixel | 0-011-0100 |
| 0,7 mm | Fused silica | Gradient optics | 6.000 pixel | 0-011-0101 |
| 0,9 mm | Fused silica | Gradient optics | 6.000 pixel | 0-011-0102 |
| 1,2 mm | Fused silica | Gradient optics | 6.000 pixel | 0-011-0103 |
| (available length up to 2.000 mm) | | | | |
| 1,4 mm | Fused silica | Gradient optics with iris | 10.000 pixel | 0-011-0104 |
| 1,6 mm | Fused silica | Gradient optics with iris | 10.000 pixel | 0-011-0105 |
| 1,8 mm | Fused silica | Gradient optics with iris | 10.000 pixel | 0-011-0106 |
| (available length up to 10.000 mm) | | | | |
| 4,5 mm | Fused silica | Gradient optics with iris | 10.000 pixel | 0-011-0108 |
| (available length up to 10.000 mm) | | | | |

Contact us to explore business opportunities, and we'll share the experience we've gained through our successful working relationships with other partners.