

# industrial line

Rigid and Semi Flexible Industrial Endoscopes



The extreme robust rigid and semiflexible endoscopes of the industrial line were especially developed for hard wearing applications. The well-thought-out lens system of the industrial endoscopes delivers low distorted, high precise images. They are characterized by high image quality and heavy duty design. The construction guarantees through the right balance between lenses and image guides contrast rich and bright images. The result is to identify and classify precise any abnormalities.

### Visualisation

The cleverly devised system of the lenses delivers distortion-free, high perceived images. The construction guarantees through the right balance between lenses and image guides contrast rich and bright images. This assures sharp and high-resolution pictures with high true colour fidelity for professional remote visual inspections.

### Illumination

The high light transmission and the low loss light coupling between the light source and the light guide adaptor results into provides extremely bright object illumination. For optimal results it is recommended to use IT Concepts illumination Accessories as light guide adaptors, light guide cables, light source adaptor and light sources.

### Documentation

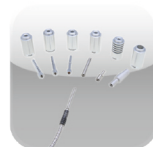
The 32mm standard DIN (corresponding to DIN 58105, part 2) eyepiece opens a variety of different documentation options. Inspection images can be used for reports or archiving. For this purpose we recommend camera adaptors, CCD colour video camera, displays, monitors and documentation hubs from the accessories programm from IT Concepts.



Light Sources  
3W - 300W



3W Led  
Hand Lightsource



Wide Range of  
Illumination Adapters



Wide Range of  
Light Guide Cables



Wide Range of  
Camera Adapters



Video Cameras  
CCD & CMOS



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Worldwide  
Service & Support

| 2.7mm | Length | DoV | FoV | Type  | Construction    |
|-------|--------|-----|-----|-------|-----------------|
| 2.7mm | 175mm  | 0°  | 80° | Rigid | Stainless Steel |
| 2.7mm | 175mm  | 0°  | 80° | Semi  | Stainless Steel |
| 2.7mm | 175mm  | 30° | 80° | Rigid | Stainless Steel |
| 2.7mm | 175mm  | 30° | 80° | Semi  | Stainless Steel |
| 2.7mm | 175mm  | 70° | 80° | Rigid | Stainless Steel |
| 4.0mm |        |     |     |       |                 |
| 4.0mm | 175mm  | 0°  | 80° | Rigid | Stainless Steel |
| 4.0mm | 175mm  | 0°  | 80° | Semi  | Stainless Steel |
| 4.0mm | 175mm  | 30° | 80° | Rigid | Stainless Steel |
| 4.0mm | 175mm  | 30° | 80° | Semi  | Stainless Steel |
| 4.0mm | 175mm  | 45° | 80° | Rigid | Stainless Steel |
| 4.0mm | 175mm  | 70° | 80° | Rigid | Stainless Steel |
| 4.0mm | 302mm  | 0°  | 80° | Rigid | Stainless Steel |
| 4.0mm | 302mm  | 0°  | 80° | Semi  | Stainless Steel |
| 4.0mm | 302mm  | 30° | 80° | Rigid | Stainless Steel |
| 4.0mm | 302mm  | 30° | 80° | Semi  | Stainless Steel |

- 1 Instrument connector
- 2 ACMI fitting
- 3 Wolf fitting
- 4 Storz/Olympus fitting
- 5 Eyepiece (Din 58105)

