

Advantages

Hygienic: Disposable catheter with unique lens in combination with a re-usable clear fiber optic eliminates contamination issues.

Excellent vision: No loss of pixels as the optic has never to be sterilized.

Easy to steer: due to the very strong steering mechanism.

Very small outer diameter: 2,65 mm / 8F.

Extra wide working channel: 1,2 mm / 3.6F for all kind of tools like biopsy forceps or laser fibers.

Separate irrigation channel: 0,6 mm 1.9F

Easy to use: since the ocular including light cable and camera head is positioned in a separate supporting three-joint-arm, it is no longer needed to carry the ocular, light cable and camera head. Additionally, sterile camera drapes are neither needed which saves more money.

Factory repair service is obsolete: exchange repairs of the optical system, if ever necessary, can be performed by the medical staff directly on site in the OR.

Cost effective

Maintenance free

Since the new Epi-C® is disposable, factory repairs of the endoscope itself are eliminated. Repairs, if ever necessary, can be performed by the medical staff directly in the OR a major convenience and cost saving.

Superior reliability

The optical system of the Epi-C® is very reliable, which will save repair time and cost. Tests with this new optical system demonstrate that even after 50 uses, no service was required.

Low costs

The innovative design of the Epi-C® allows the complete system to be priced much lower than competitive systems. Considering its follow-up costs (disposable catheters) in comparison with competitors, the Epi-C® again has more than a 30% cost advantage.

Technical data

Endoscopic catheter

Ø2.65 mm (8 French) with 180° steerable tip.

Channels:

Working Channel 1 : Ø 1.2 mm – 3.6 French
Working Channel 2 : Ø 0.6 mm – 1.9 French

Catheter working lengths available:
30 and 60 cm

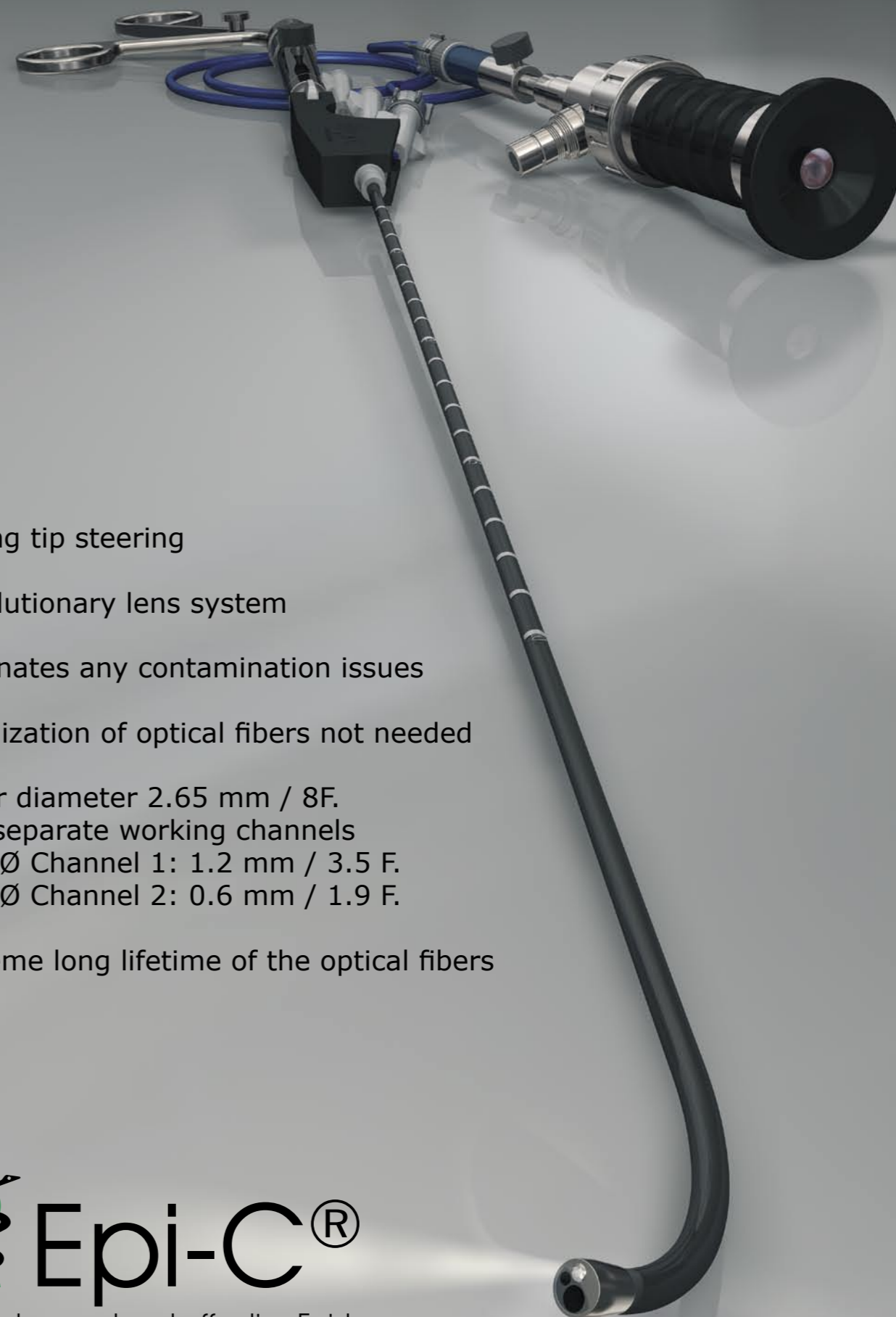
All catheters are length-marked for position control.

Optical system

6000 pixels (150 cm) for picture transmission and light transporting fibers for perfect illumination of the examination area.

For more information about the Epi-C® please visit our website www.epi-c.eu or contact us at:

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Strong tip steering

Revolutionary lens system

Eliminates any contamination issues

Sterilization of optical fibers not needed

Outer diameter 2.65 mm / 8F.

Two separate working channels

Ø Channel 1: 1.2 mm / 3.5 F.

Ø Channel 2: 0.6 mm / 1.9 F.

Extreme long lifetime of the optical fibers

 **Epi-C®**

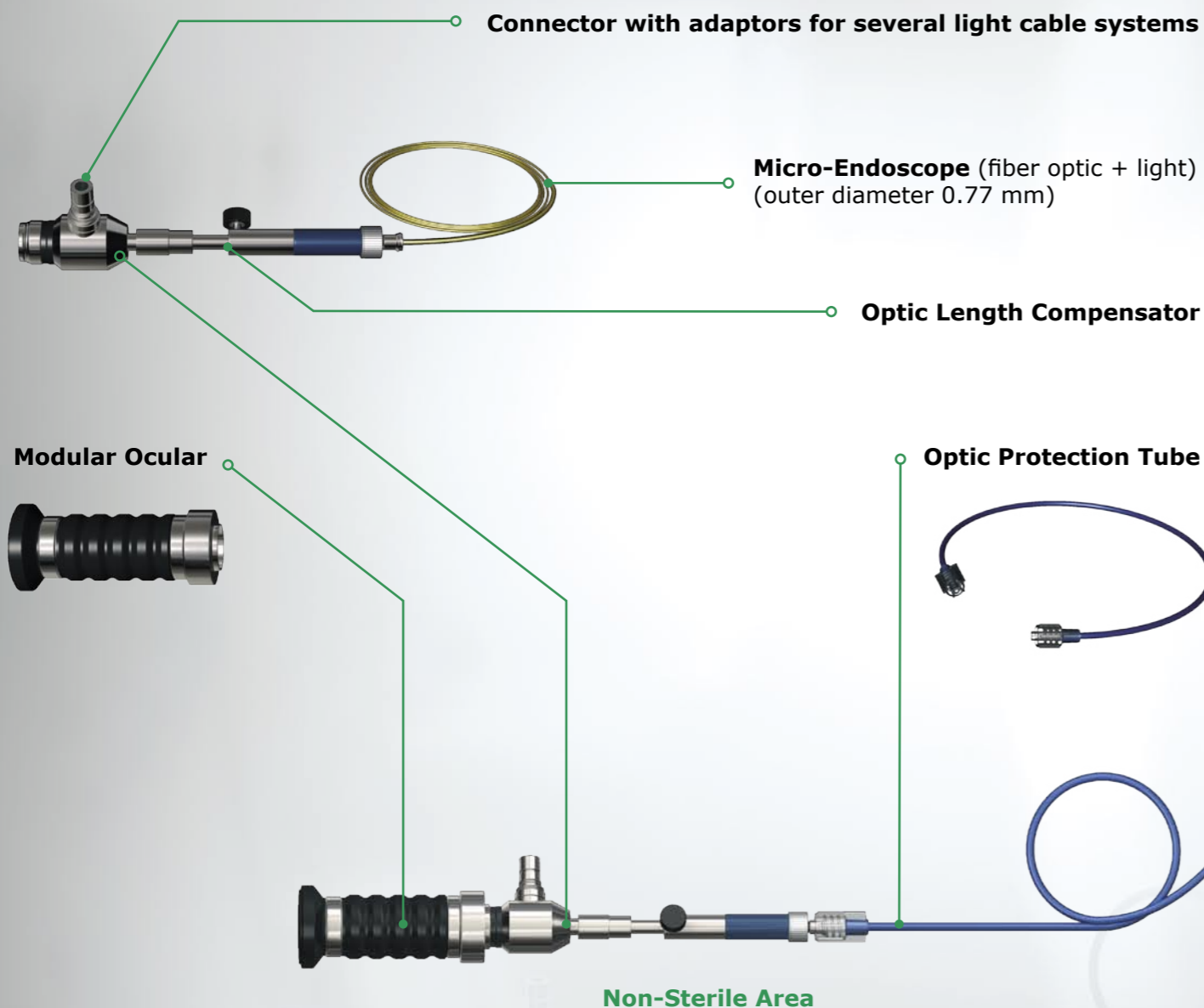
For a clear and cost effective Epiduroscopy

Epi-C®

Is the first disposable epiduroscope (also called spinal endoscope) which eliminates any contamination issues. Due to the unique diamond lens at the end of the catheter the optic will never be in contact with the patient. It combines the image quality of a re-usable optical system with the safety of a disposable one. With this unique concept, the Epi-C® does not become contaminated, thereby eliminating the need to sterilize the optical system and significantly extending its lifetime. The revolutionary design of the Epi-C® makes a safe and clear endoscopy affordable for every clinic.

Optical System

The 6000-pixel system provides excellent picture quality. This system is modular and consists of an ocular, optical fibers (including light) and an optic length compensator, which compensates for length differences between the catheter and the bent optic when the steering mechanism is used. The modularity enables the user to exchange repair parts of the Epi-C® directly on site. No more down time due to repair services of the manufacturer.



Excellent Picture Quality

The optical system which is used for the Epi-C® consists of 6000 optical fibers for a clear picture transmission. The optical fibers are surrounded by light transporting fibers, which perfectly illuminate the examination area to a depth of at least 30 mm.

