

## High-Resolution Monochrome Endoscopy



### Duodenoscope

The most modern technology for  
highly sensitive areas of use.

# PENTAX

# High-Resolution Monochrome Duodenoscopy

**Duodenoscopy is a field where applications are particularly demanding. The monochrome PENTAX ED-3485T: an endoscopy system with extraordinarily good performance characteristics.**

## Outstanding performance characteristics



### Maximum Working Comfort

- Unique: 120° tip deflection and 100° angle of view for navigation/viewing range.
- SynControl: extremely precise instrument control due to perfect synchronisation between Albarran control and lever.
- Easy operation thanks to ergonomically optimized control body.
- Extra room for manoeuvre/safety due to the unique PENTAX anti-loop connector: up to 180° axially rotatable connector head.
- Working channel of 4.2 mm for versatile therapeutical applications.

### Unique Hygiene

- PENTAX CleanCap System: the highest international hygiene standard thanks to the detachable distal cap for the safe mechanical cleaning of air and water channel.
- Exclusive to PENTAX duodenoscopes: completely sealed guide wire channel for 100% hygiene and 0% desinfection.

### Excellent Image & Image Processing

- High-resolution image with 1 billion colours through digital processing of the RGB signals with 10 bit depth of shade per channel.\*
- Numerous digital image output options with SDI technology.\*
- Ultra-fine colour adjustment and contour amplification for optimum visual evaluation.\*
- Optimum illumination with high-performance xenon light source.

### PENTAX Quality and Service Program

- Exceptional quality and longevity.
- Innovative detail solutions for more convenience and safety.
- All-round 100% service concept: consulting, financing, technical service, training.

\* In conjunction with PENTAX EPM-3500 video processor

## Therapeutic Monochrome Duodenoscope

Type	ED-3485T
Angle of view (°)	100 (retro 10)
Focus (mm)	4-60
Tip deflection (°) up/down right/left	120/90 105/90
Ø Insertion tube (mm)	11.6
Ø Distal end (mm)	13.0
Ø Instrument channel (mm)	4.2
Working length (mm)	1250
Total length (mm)	1560

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