PENTAX MEDICAL

PENTAX Medical
The i10 endoscope series.

High-Definition and high performance at its best.

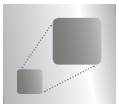
The high-end i10 endoscope series is the natural choice to meet your need for extraordinarily High-Definition image (HD+) and high endoscopic performance. The i10 series offers impressive visualisation and excellent therapeutic options. These endoscopes allow you to fully exploit their wide range of features to undertake the most sophisticated procedures. The graduated flexibility allows optimal insertion control of the endoscope, while the advanced ergonomics deliver increased maneuverability, control and comfort.

The i10 endoscope series at a glance.

High performance i10 series HD+ endoscopes

Next generation megapixel CCD for improved HD+ image quality

- Crisp, clear and bright endoscopic image combined with exceptional field of view for a superior visualisation of the mucosa. Gastroscopes, colonoscopes and, the first-to-market outstanding HD+ duodenoscope.



Close Focus

Exclusive Close Focus

- State-of-the-art endoscopy combined with Close Focus allows detailed examination and close visualisation of suspicious mucosal details.

Therapeutic Option

Expanded Therapeutic Option

- Excellent Therapeutic Option in all standard and slim endoscopes – For your daily challenges, the best ratio of external diameter & working channel combined with Water Jet System.

Improved Graduated Flexibility (GDF)

- Improved flexibility of the insertion tube to increase patient comfort and examination performance during every colonoscopy.

Optimized control body

- Lighter weight and improved size to serve you during challenging procedures.

Product	Insertion tube [ø mm]	Instrument channel [ø mm]	Working length [mm]	Total length [mm]	Angle of view [mm]	Focal range [mm]	Tip deflection up/down [°]	Tip deflection right/left [°]
Gastroscopes i10								
EG16-K10	5.4	2.0	1,100	1,416	140	4-100	210/120	120/120
EG27-i10	9.0	2.8	1,050	1,366	140	2-100	210/120	120/120
EG29-i10	9.8	3.2	1,050	1,366	140	2-100	210/120	120/120
Duodenoscope i10								
ED34-i10T	11.6	4.2	1,250	1,566	100	4-60	120/90	105/90
Colonoscopes i10								
EC34-i10L	11.6	3.8	1,700	2,016	140	2-100	180/180	160/160
EC34-i10F	11.6	3.8	1,500	1,816	140	2-100	180/180	160/160
EC34-i10M	11.6	3.8	1,300	1,616	140	2-100	180/180	160/160
EC38-i10L	13.2	3.8	1,700	2,016	140	4-100	180/180	160/160
EC38-i10F	13.2	3.8	1,500	1,816	140	4-100	180/180	160/160
EC38-i10F2	13.2	3.8	1,500	1,816	140	4-100	180/180	160/160
EC38-i10M	13.2	3.8	1,300	1,616	140	4-100	180/180	160/160
EC38-i10M2	13.2	3.8	1,300	1,616	140	4-100	180/180	160/160

PENTAX Europe GmbH
Julius-Vosseler-Straße 104 . 22527 Hamburg . Germany
Tel.: +49 40 / 5 61 92 - 0 . Fax: +49 40 / 5 60 42 13
E-mail: medical@pentax.de . www.pentaxmedical.com

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Excellence in Focus

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