



If a picture is worth a thousand words, imagine what an endoscopic image with over one million pixels of high-definition resolution is worth.

PENTAX ENDOSCOPES PRODUCT SPECIFICATIONS

Name	Model	Channel Diameter (mm)	Outer Diameter (mm)	Working Length (mm)	Up/Down	Left/Right	Angle of View	Forward Water Jet	Image Type	CCD Type
Gastrosopes										
Adult HD	EG-2990I	2.8	9.8	1050	210/120	120/120	140	Y	Video	HD
Adult SD	EG-2990K	2.8	9.8	1050	210/120	120/120	140	Y	Video	SD
Pediatric HD	EG-2790I	2.8	9.0	1050	210/120	120/120	140		Video	HD
Pediatric SD	EG-2790K	2.8	9.0	1050	210/120	120/120	140		Video	SD
Pediatric Slim	EG-2490K	2.4	8.0	1050	210/120	120/120	140		Video	SD
Pediatric Ultra-Slim	EG-1690K	2.0	5.4	1100	210/120	120/120	120		Video	SD
Therapeutic	EG-3490K	3.8	11.6	1050	210/120	120/120	140	Y	Video	SD
Therapeutic Dual Channel	EG-3890TK	3.8 & 2.8	12.8	1050	180/120	120/120	140	Y	Video	SD
Upper GI Specialty										
Duodenoscope	ED-3490TK	4.2	11.6	1250	120/90	105/90	100 (10 retro)		Video	SD
Cholangio-Pancreatoscopes (Baby Scope) - P Series	FCP-9P	1.15	3.1	1900	90/90	N/A	90 (air) 64 (water)		Fiber	N/A
Small Bowel Enteroscope	VSB-3430K	3.8	11.6	2200	180/180	160/160	140	Y	Video	SD
Colonoscopes										
Adult HD	EC-3890Li	3.8	13.2	1700	180/180	160/160	140	Y	Video	HD
Adult SD	EC-3890LK	4.2	13.2	1700	180/180	160/160	140	Y	Video	SD
Pediatric HD	EC-3490Li	3.2	11.6	1700	180/180	160/160	140	Y	Video	HD
Pediatric SD	EC-3490LK	3.8	11.6	1700	180/180	160/160	140	Y	Video	SD
Ultra-Slim HD	EC-2990Li	2.8	9.8	1700	180/180	160/160	140	Y	Video	HD
RetroView HD	EC-3490TLi	3.2	11.6	1700	210/180	160/160	140	Y	Video	HD
Therapeutic Dual Channel	EC-3890TLK	3.8 & 2.8	13.2	1700	180/180	160/160	140	Y	Video	SD

NOTE: HD = High Definition, SD = Standard Definition

PENTAX
EMPOWERING EXCELLENCE™

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PENTAX ENDOSCOPES
Redefining Image Definition and Patient Care

REDEFINING HIGH DEFINITION

In a recent comparative study of standard-definition (SD) and high-definition (HD) endoscopes in screening colonoscopies...

- > HD endoscopes increased detection rate of polyps 40%.
- > HD endoscopes increased detection of adenomas 63%.

With PENTAX, nowhere does high-definition imaging become clearer than our market-leading resolution HD image (at over one megapixel of resolution).

SOURCE: Colonic Polyp Detection rates: A comparative study of High Definition Colonoscopic screening versus traditional definition colonoscopic screening. Stephen G. Abshire, Camille P. Clairbourne, Marsha M. Williamson

EXCELLENCE IN DRIVABILITY



PENTAX's endoscopes are built on the renowned "cecum finder" technology, a three-phase flexible stiffness insertion tube coupled with pinpoint accuracy control knobs. This ergonomic technology ensures excellent physician handling and patient comfort.



BREATH OF CARE, CUTTING-EDGE OPTIONS
The highest resolution HD image. The slimmest HD colonoscope. The largest channels available. Excellent maneuverability and drivability. Peace-of-mind durability and reliability. That's PENTAX.



ANATOMY OF FINGERTIP ERGONOMICS

1. Customizable buttons
2. Complete illumination of difficult areas
3. Forward water jet*
4. Largest channels on market
5. Ergonomically engineered to your hand for comfort and control

* On specific models only

INNOVATING SOLUTIONS. INNOVATING CARE.

Imaging. At PENTAX, the conversation begins with the highest resolution HD endoscopic image on the market - including the most choices of HD endoscopes. PENTAX continues to innovate and set high standards in image quality.

Patient need. Physician choice. Patients come in all shapes and sizes; so should your endoscopic solutions. From the smallest endoscopes for difficult procedures and pediatrics to colonoscopes with the largest channels (up to 4.2mm) - and many options in between, PENTAX is the market catalyst for a wide array of solutions for a wide array of patients. True innovation. True partnership.