

PENTAX Medical

The 90i and 90K endoscope series.

The redefinition of High-Definition.



The PENTAX Medical 90i and 90K endoscope series are the optimal choice for an exceptional high resolution image. Combined with excellent illumination, they support better orientation and detection in endoscopic procedures. With the 90i endoscope series you can fully experience HD+ images during routine examinations.

A wide range of High-Definition HD+ endoscopes.

90i and 90K endoscope series

- Excellent illumination for better orientation
- Megapixel CCD for an excellent image quality
- Graduated flexibility (GDF) to facilitate the examination

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 [°]	
Gastrosopes 90i									
EG-2990i	9.8	2.8	1,050	1,373	140	5–100	210/120	120/120	
EG-2990Zi	9.8	2.8	1,050	1,060	140	5-100	210/120	120/120	
Gastrosopes 90K									
EG-1690K	5.4	2.0	1,100	1,423	120	4–100	210/120	120/120	
EG-2490K	8.0	2.4	1,050	1,373	140	4–100	210/120	120/120	
EG-2790K	9.0	2.8	1,050	1,373	140	4–100	210/120	120/120	
EG-2990K	9.8	2.8	1,050	1,373	140	4–100	210/120	120/120	
EG-3490K	11.6	3.8	1,050	1,373	140	4–100	210/120	120/120	
EG-3890TK	12.8	3.8/2.8	1,050	1,383	140	4–100	180/120	120/120	
Duodenoscope									
ED-3490TK	11.6	4.2	1,250	1,573	100 (retro 10)	4–60	120/90	105/90	
Enteroscope									
VSB-2990i	9.8	2.8	2,200	2,523	140	3–100	180/180	160/160	
Colonoscopes 90i									
EC-2990Fi	9.8	2.8	1,500	1,823	140	3–100	180/180	160/160	
EC-2990Li	9.8	2.8	1,700	2,023	140	3–100	180/180	160/160	
EC-2990Mi	9.8	2.8	1,300	1,623	140	3–100	180/180	160/160	
EC-3490Fi	11.6	3.2	1,500	1,823	140	4–100	180/180	160/160	
EC-3490Li	11.6	3.2	1,700	2,023	140	4–100	180/180	160/160	
EC-3490TMi	11.6	3.2	1,300	1,623	140	3–100	210/180	160/160	
EC-3490TFi	11.6	3.2	1,500	1,823	140	3–100	210/180	160/160	
EC-3490TLi	11.6	3.2	1,700	2,023	140	3–100	210/180	160/160	
EC-3890Mi	13.2	3.8	1,300	1,623	140	4–100	180/180	160/160	
EC-3890Mi2*	13.2	3.8	1,300	1,623	140	4-100	180/180	160/160	
EC-3890Fi	13.2	3.8	1,500	1,823	140	4–100	180/180	160/160	
EC-3890Fi2*	13.2	3.8	1,500	1,823	140	4–100	180/180	160/160	
EC-3890Li	13.2	3.8	1,700	2,023	140	4–100	180/180	160/160	
EC-3890FZi	13.2	3.8	1,500	1,300	140	4-100	180/180	160/160	
EC-3890LZi	13.2	3.8	1,700	1,300	140	4-100	180/180	160/160	
EC-3890MZi	13.2	3.8	1,300	1,300	140	4-100	180/180	160/160	
Colonoscopes 90K									
EC-3490FK	11.6	3.8	1,500	1,823	140	3–100	180/180	160/160	
EC-3490LK	11.6	3.8	1,700	2,023	140	3–100	180/180	160/160	
EC-3890MK	13.2	4.2	1,300	1,623	140	3–100	180/180	160/160	
EC-3890MK2*	13.2	4.2	1,300	1,623	140	3–100	180/180	160/160	
EC-3890FK	13.2	4.2	1,500	1,823	140	3–100	180/180	160/160	
EC-3890FK2*	13.2	4.2	1,500	1,823	140	3–100	180/180	160/160	
EC-3890LK	13.2	4.2	1,700	2,023	140	3–100	180/180	160/160	
EC-3890TFK	13.2	3.8/2.8	1,500	1,823	140	3–100	180/180	160/160	
EC-3890TLK	13.2	3.8/2.8	1,700	2,023	140	3–100	180/180	160/160	

*insertion tube with increased rigidity in comparison with standard equipment

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