



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 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 [°] |
|-------------------------|-----------|-----------------------|---------------------------|---------------------|-------------------|--------------------|------------------|----------------------------|-------------------------------|
| Gastroscope 90i | EG-2990i | 9.8 | 2.8 | 1,050 | 1,373 | 140 | 5-100 | 210/120 | 120/120 |
| Gastroscopes 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 |

| | | | | | | | | | |
|-------------------------|-------------|------|---------|-------|-------|-----|-------|---------|---------|
| 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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