



VIDEO COLOR CHIP ESOPHAGOSCOPE EE-1580K



In-Office Unsedated Transnasal Esophagoscopy (TNE) is now easily performed with the new PENTAX EE-1580K Endoscope!

The **EE-1580K** is a video color chip Esophagoscope, and is the newest addition to the Pentax family of acclaimed video endoscopy systems. This scope features an ultra-slim 5.1mm insertion tube perfect for transnasal insertion, and houses a 2.0mm instrument channel. The scope contains a built-in color CCD that generates full screen, high resolution images, and utilizes the new EPK-1000 Digital Color Video Processor with Digital Signal Processing (DSP) technology. The EE-1580K has air/water delivery capabilities, and is designed with a 600mm insertion tube working length so it can be used for pharyngo-laryngeal applications, as well as for esophageal observation and procedures.

channel and all other internal lumens are fully brushable for improved cleaning of the entire scope.

Compact PVE Connector

The compact PVE connector can be attached or removed from the video processor in a single, simple action. The light guide cable can rotate up to 180°, significantly reducing cable twisting and buckling during clinical use and reprocessing.

Easy-to-See Channel Size Identification

The control body clearly displays the instrument channel size for accurate selection of compatible accessories.

Angle of View

Endoscopic evaluation is easy to perform with the wide, 140° angle of view. In addition, the increased 210° upward tip deflection and tight bending radius allows greater retroflex ability during examinations.

Full-Screen Display from the High-Resolution Color CCD

All 80K Series scopes feature digital processing of the video signal, which automatically optimizes the color of the image to produce crystal clear, full-screen images on the monitor with enhanced brightness and resolution.



EPK-1000 Digital Color Video Processor



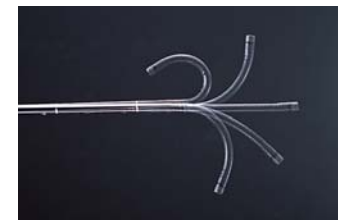
The EE-1580K utilizes the EPK-1000 Digital Color Video Processor, a compact, lightweight combination of light source and processor.

Easy Cleaning and Sterilization

The EE-1580K has been redesigned for improved hygiene. The angulation knobs are easier to clean and its design inhibits debris accumulation. Removable snap-on components including the air/water valves, suction valves and rubber inlet seals are autoclavable using pre-vacuum steam sterilization.

All Channels Brushable

The instrument channel can be used for delivering air, providing water and suction capabilities. The instrument



EE-1580K

Order Number	Channel Diameter (mm)	Insertion Tube Diameter (mm)	Distal Tip Diameter (mm)	Working Length (mm)	Angulation Up/Down (°)	Angle of View (°)
62209	2.0	5.1	5.5	600	210/120	140

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TO PLACE AN ORDER IN CANADA CALL 800.750.5558 or FAX 905.286.5571