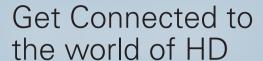


PENTAX Medical The VNL - J10Scopes

High - Definition and high performance at its best.



The PENTAX Medical VNL-J10 product range offers a complete solution for advanced fl exible endoscopy needs. Used with PENTAX Medical HD video processors equipped with i-scan technology the new VNL series will provide support to both diagnostic as well as therapeutic procedures. The VNL product range can be used in a wide variety of applications in ENT such as FEES examinations and functional video stroboscopy examinations.





Advanced assessment

Better orientation and support of diagnosis due to

- latest chip technology
- improved design of distal tip with improved light distribution
- i-scan technology

Increased patient's comfort

- Smallest outer diameter for better tolerance
- Improved tapering of distal end for optimized insertion

Enhanced and safe diagnosis

New mechanical design of instrument channel for smooth insertion of endoscopic devices

 Bifurcated umbilical cable to allow for stroboscopy

Optimized patient and user safety

- Innovative single-use suction control valve design
- STERRAD compatibility

Easy endoscope control & excellent ergonomy

- Newly designed control body
- Flexible light guide cable

DEFINA Scopes	Routine VNL11-J10	Small VNL8-J10	Therapeutic VNL15-J10
Distal end diameter (mm)	3.5	2.4	4.8
Insertion Insertion tube diameter [mm] tube diameter [mm]	3.6	2.9	4.9
Instrument channel diameter [mm]	-	-	2.0
Working length [mm]	300	300	300
Total length [mm]	500	500	575
Field of view [°]	80	80	80
Depth of fi eld [mm]	3-50	3-50	3-50
Angulation up/down [°]	130/130	130/130	130/130

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