

## **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 flexible 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.

# Get Connected to the world of HD



### 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 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 field [mm]	3-50	3-50	3-50
Angulation up/down [°]	130/130	130/130	130/130

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**PENTAX**  
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*Excellence in Focus*