

VedVision™ Cholangioscope Direct Visualisation System

ADVANCED ENDOSCOPY SOLUTIONS

A UK COMPANY 

- ◆ Enhanced visualisation
- ◆ Automatic image balance
- ◆ 2.0 mm working channel
- ◆ Separate guidewire channel
- ◆ Integrated image capture and record functions



VedVision™ Cholangioscope Direct Visualisation System



VedVision provides the benefits of direct visualization cholangioscopy in a cost-effective system that can be operated by a single user

- 1 Access and delivery catheter
- 2 Four-way control system (up/down/left/right)
- 3 Easy-to-access image capture button
- 4 Angle adjustment lock
- 5 Independent 1.2 mm guidewire/irrigation channel for use with 0.63 mm (0.025 inch) hydrophilic guidewire
- 6 2.0 mm working channel for 1.8 mm instruments or accessories
- 7 High quality, 160,00 pixel CMOS image sensor
- 8 Bright LED illumination with automatic or manual adjustment
- 9 1.2 mm guidewire channel for use with 0.63 mm (0.025 inch) hydrophilic guidewire
- 10 2.0 mm working channel for 1.8 mm instruments or accessories
- 11 3.7 mm diameter scope head

VedVision™ enables direct visualisation of the bile and pancreatic ducts with advanced resolution and 2 mm accessory channel

VedVision™ provides greater flexibility for enhanced diagnosis and therapeutic intervention.



Enhanced Visualisation

High-quality, 160,000 pixel CMOS image sensor provides an excellent view from 3.7 mm scope.



Automatic Image Brightness

Automatic Image Brightness Adjustment minimises light flare caused by stones or smooth bile duct walls.



Wide Field of View

CMOS sensor provides a wider dynamic field of view, ensuring greater clarity of close up and distant views.



Working Channel

2.0 mm working channel enables the use of 1.8 mm instruments and accessories.



Separate Channel Access

Separate working, guidewire, and irrigation channels to avoid interference with each other when in use.



Real-time Recording

High-definition video recording function in real time available via a single button on the digital controller.



External Storage

Digital controller supports access to external USB 3.0 mass storage devices.



Image Capture

Single click image capture button, with pre-freeze analysis to capture the clearest image possible.



Single User Operation

Innovative, easy-to-use design enables usage by a single operator.



Video Output

Multiple video output options, including SDI, DVI, S-Video and Composite Video.



Four-way Angle Adjustment

Angle adjustment on the scope head with an easy-to-access adjustment lock on the delivery catheter.



Software Update

Digital controller software can quickly and easily be updated via USB.

1 Access and Delivery Catheter

Familiar catheter design with four way control system (up/down/left/right), 2.0 mm working channel, irrigation channel, separate guidewire channel, lock and image capture button.

2 Superior Image Quality

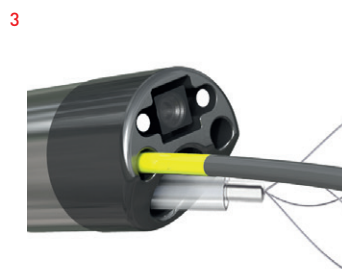
160,000 pixels CMOS sensor, automatic white balance, automatic image brightness adjustment provides an enhanced and clear view, from a thin 3.7 mm scope.

3 Extra Guidewire Channel

The additional guidewire channel means a guidewire can be placed for repeated stone extractions or further therapeutic intervention.

4 Real-time Recording

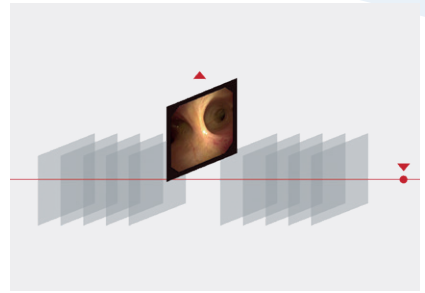
Real-time recording with high-definition image recording function and support for USB 3.0 external storage devices.



Every year, more than 1,000,000 people across the globe undergo ERCP for conditions related to the liver, gall bladder, pancreas and bile ducts. With VedVision the time of clearly visible ERCP has arrived.

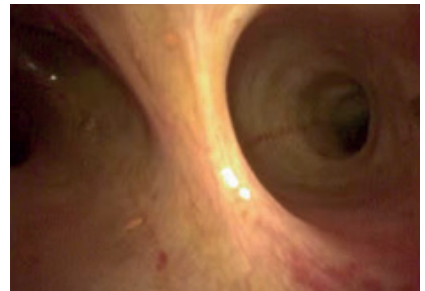
Advanced Image Capture

Single-click image capture and real-time video recording function. Advanced pre-freeze analysis automatically selects the clearest image when capturing an image.



Automatic Image Brightness

The unique automatic Image Brightness Adjustment (IBA) algorithm, minimises the light flare caused by stones or smooth bile duct walls.



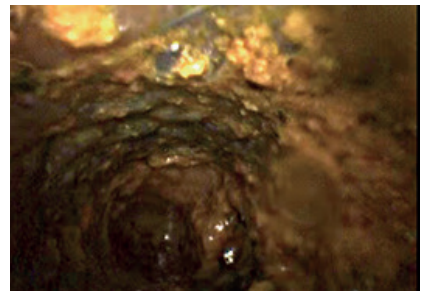
Digital Controller

The compact, lightweight digital controller is easy to use and comes with multiple video output options, including SDI, DVI, S-Video and Composite video.



Wide Field of View

Next generation CMOS sensor provides a wider dynamic field of view, to ensure greater clarity of both up close and increased distance views.



Precise Manoeuvrability

The familiar design of the access and delivery catheter provides clinicians with four-way angle adjustment on the scope head and an adjustment lock.



Ordering Information



Part Number	Description	Outer Diameter	Length	Features	NPC Code
TY-ISS-H-200	VedVision digital controller	-	-	-	FBE87042
TY-ISS-L37 G	VedVision access and delivery catheter	Scope: 3.7 mm	2600 mm	Working channel OD: 2.0 mm Accessory channel OD: 1.8 mm With 1.2 mm Guidewire Channel	FBE87034
S2421P	24" FHD medical display	-	-	24" ADS display, 1920 x 1200 pixels	FBE87041
TR800-200	Cart for controller and monitor	-	-	-	N/A
VDK-FB-18-260-0-0-B1	Biopsy forceps	1.8 mm	2600 mm	Without spike, uncoated	FBE87005
VDK-FB-18-260-0-P-B1	Biopsy forceps	1.8 mm	2600 mm	Without spike, coated	FBE87024
JHY-BAS-18-260-10-N4-B-0	Stone extraction basket	1.8 mm	2600 mm	Spiral shaped basket, 10 mm wide	N/A
JHY-BAS-18-260-10-N4-E-0	Stone extraction basket	1.8 mm	2600 mm	Tipless basket, 10 mm wide	N/A
JHY-BAS-18-260-10-N4-A-0	Stone extraction basket	1.8 mm	2600 mm	Diamond shaped basket,* 10 mm wide	N/A
VDK-SD-18-260-15-A1	Polypectomy snare	1.8 mm	2600 mm	Oval loop (15 mm wide)	FBE87035
VDK-IN-18-260-2304-A	Injection needle	1.8 mm	2600 mm	Needle size: 23G 4 mm	FBE87007
VDK-ST-18-260-A	Spray catheter	1.8 mm	2600 mm	Straight type	FBE87025
VDK-ST-18-260-B	Spray catheter	1.8 mm	2600 mm	Umbrella type	FBE86988
VDK-ZGW-63-450-A	Hydrophilic guide wire	0.63 mm (0.025")	4500 mm	Straight hydrophilic tip, 5 cm	FBE87011

*Compatible with emergency lithotripter

About Penlon ♦

Penlon was founded in 1943 by personnel from the Department of Anaesthesia at Oxford University. One of the first products was the Macintosh Laryngoscope, then a revolutionary design, and still the most widely used today, invented by the late Sir Robert Macintosh, Professor of Anaesthetics.

Today Penlon continues to design, engineer and build high quality anaesthesia products at its UK operations headquarters. The company is proud to have over 80 years' dedicated experience, many awards for product design, and an impressive four Queen's Awards for Enterprise, one for 'Innovation' and three for 'International Trade'.

Penlon devices feature intuitive user interfaces that require minimal operator training, putting clinicians in control, enabling them to focus on what is most important – patient safety and wellbeing.



 Global Headquarters  Local Office  Distribution Partner



penlon-endoscopy-uk



PenlonGlobal

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