

SINGLE-USE **BRONCHOSCOPE**

SAFE SMART SIMPLE



VATHiN

Vathin® H-SteriScope™ I



VERSION:MD20006

WHAT WE DO AGAINST THE COVID-19 ?

In response to the Covid-19 outbreak caused by the coronavirus, Vathin Medical has quickly mobilized to provide crucial donations and material support for frontline medical staff. Our single-use bronchoscopes are all sterilized and it can eliminate the risk of cross-contamination.

WHY VATHIN ?

Vathin Medical dedicated on the guideline of " Safe Simply Smart " and has carried forward of the corporate spirit of " Humanism, innovation and preciseness". In the ongoing tough time in the the country admidst the emergency of the covid-19 pandemic, we see a ray of hope in hubei city that one of frontline medical staffs is using our scopes to treat the Covid-19 patients.



CHAPTER 1

The most original samples from the patient's respiratory tract can be collected with the single-use endoscope if the patient is suspected to be infected with respiratory diseases. Above all, our single-use endoscope is sterile and can be discarded after the operation, thus substantially preventing cross infection of Covid-19.

CHAPTER 2

Etiology and serum tests mentioned that RT-PCR or / and NGS methods can be used to detect nucleic acids of the coronavirus in nasopharyngeal swabs, sputum and other respiratory secretions, blood, stool and other specimens.

CHAPTER 3

With the high-clearness images, the diagnosis of medical personnel is completed, and the risk of patients caused by quality problems is minimized with the help of the comprehensively upgraded material.

MAIN FEATURES

NO CROSS-CONTAMINATION

As H-SteriScope™ I series are our single-use bronchoscopes, it eliminate the risk of cross-contamination and ensure the safety of patients.

WIDER ANGULATION

Up and down angulation ranges of 210° support smoother insertion into the lobe bronchi. Moreover the bending has high endurable ability, which is the same with reusable ones.

ROTATION

The insertion tube can be rotated left or right up to 90° by simply turning a ring on the control section of the scope. This improve ease of operator control.

PASSIVE BENDING

When the scope meets with resistance, the pressure is redistributed so that the insertion tube automatically bends to adjust to the contours of the colon, potentially decreasing patient discomfort and speeding insertion to the lung.

COST EFFECTIVE

H-SteriScope™ I do not have repair and reprocessing cost, which highly reduce the use cost of scopes.



Sterilization



210° Bending



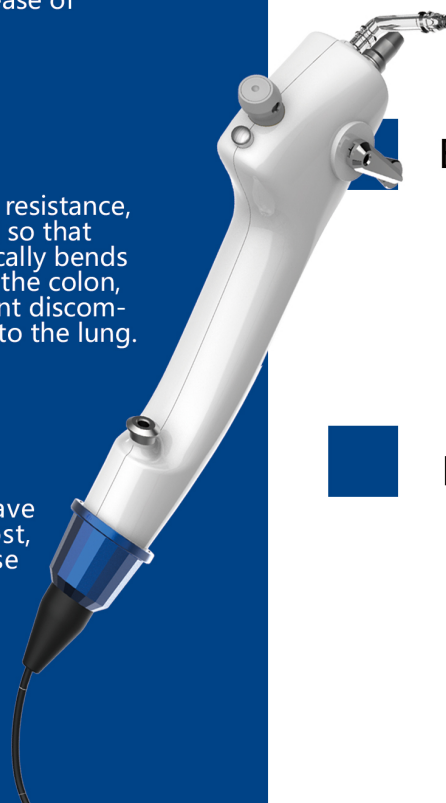
90° Rotation



Ease Insertion



No Maintenance



STANDARDS MODELS

Vathin® H-SteriScope™ I Single-use Bronchoscope

Zero



ID:0mm
OD:2.2mm

Slim



ID:1.2mm
OD:3.2mm

Normal



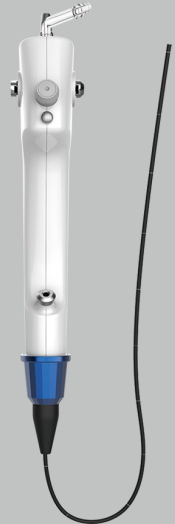
ID:2.2mm
OD:4.9mm

Large




ID:2.8mm
OD:5.8mm

Extra



ID:3.2mm
OD:6.2mm

Specifications

Name	Zero	Slim	Normal	Large	Extra
Model	BCV1-01/02	BCV1-C1/C2	BCV1-M1/M2	BCV1-S1/S2	BCV1-W1/W2
Bending Section	U210°/D210°	U210°/D210°	U210°/D210°	U210°/D210°	U210°/D210°
Outer diameter (ΦOD)	2.4mm (0.094")	3.3mm (0.130")	5.0mm(0.197")	5.7mm(0.224")	6.4mm(0.252")
Head outer diameter (ΦOD)	2.3mm (0.091")	3.3mm (0.130")	4.8mm(0.189")	5.7mm(0.224")	6.5mm(0.256")
Working Channel (ΦID)	0mm	1.2mm(0.047")	2.2mm(0.087")	2.8mm(0.110")	3.2mm(0.126")
Working Length	700mm (27.6") / 600mm (23.6")				
 Field of view	110°±5%				
Clear shooting distance	3~100mm				
Illumination method	LED				
Suction Connector	Ø7±1				
Method of Sterilization	ETO				

***Products can be customized

Vathin® I

Digital Video Processor

The processor is a system console that used in displaying, recording and printing the endoscopic image.

Key Benefits

- CFS(Color Feature Separate) mode- providing more precise vascular image.
(Applicable to American Market)
- Storage with memory card and also available with USB connection.
- High resolution image that can display the live image on external monitor.



Specifications

Function	White balance	Manual
	Data record	Videos/Photos
	Time setting	Manual
	Compliant monitor	4:3 or 16:9 screen monitor
	Video output mode	DVI
	Resolution	160k pixel
Electrical Power	Requirement	100V-240V AC; 50-60Hz; 0.6-0.4A
Dimension	Width x Height x Thickness	235mmx 210mm x70 mm



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