

# SINGLE-USE BRONCHOSCOPE

SAFE SMART SIMPLE



**VATHIN**

Vathin® H-SteriScope™ I



VERSION: MD22001

## CHOOSE VATHIN -YOUR RELIABLE MANUFACTURE

As one of the leader teams in developing and producing disposable endoscopes, Vathin Medical dedicated on the guideline of “ Safe Simple Smart ” and has carried forward of the corporate spirit of “ Humanism, innovation and preciseness”. Our main product, single-use bronchoscope, has not only completely avoid the risk of cross-contamination with pre-packed sterilization, but also significantly been upgraded in appearance and functions.

## CHOOSE VATHIN - YOUR LIFETIME PARTNER

Since 2019, VATHIN has built deep cooperation with worldwide distributors and clients including North America, Europe, Asia and other areas. With them, we never stop being inspired and supported for developing the disposable endoscopy industry. Gratefully, We aim to have our partners always being better off since the moment they choose us.



## POST-PANDEMIC VISION

Even before the outbreak of the COVID-19 pandemic, the demand of single-use endoscopes has increased significantly by the assurance of infection control during patient-specific care.

This March, the FDA also highlighted the COVID-19 have boosted the development of single-use endoscopes, which indicated the endoscopy industry will experience a major shift toward flexible single-use devices.

At this time, VATHIN, as one of the innovative participants in this field, will dedicate to introduce the transformation to the market and help health-care industry creating new standards of safety, efficiency, cost-effectiveness, and enhanced quality of care.

## 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 durable 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 the contours of trachea, 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.

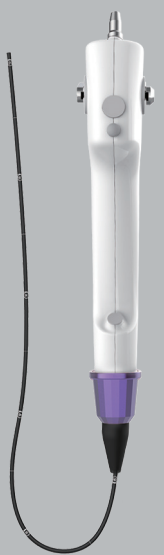
-  Sterilization
-  210° Bending
-  90° Rotation
-  Ergonomic Handle
-  Ease Insertion
-  No Maintenance



# STANDARD MODELS

## Vathin® H-SteriScope™ I Single-use Bronchoscope

Zero



ID: -  
OD:2.2mm

Slim



ID:1.2mm  
OD:3.2mm

Normal



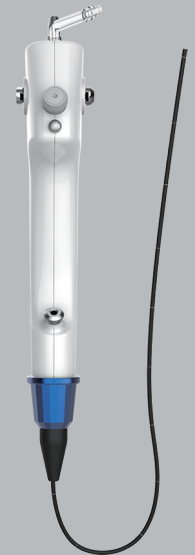
ID:2.2mm  
OD:4.9mm

Large




ID:2.8mm  
OD:5.8mm

Extra



ID:3.2mm  
OD:6.2mm

### Specifications

Name	Zero	Slim	Normal	Large	Extra
Model	BCV1-02	BCV1-C2	BCV1-M2	BCV1-S2	BCV1-W2
Bending Section	U210°/D210°	U210°/D210°	U210°/D210°	U210°/D210°	U210°/D210°
Insertion Tube OD	2.2mm(0.09")	3.2mm (0.13")	4.9mm(0.19")	5.8mm(0.23")	6.2mm(0.24")
∅ Working channel	-	1.2mm(0.047")	2.2m(0.087")	2.8mm(0.110")	3.2mm(0.126")
Working Length	600mm (23.6")				
 110° Field of view	110°±5%				
Depth of view	3~100mm				
Illumination method	LED				
Suction Connector	∅ 7.8 ± 1				
Method of Sterilization	ETO				

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



## Specifications

	DVP-A1	DVM-B1
Function	Storage with memory card and also available with USB connection.  High resolution image that can display the live image on external monitor with DVI / HDMI video port.	Max Resolution: (16:10) -1280 x 800 Pixels Display Type: 12.1" Colour TFT LCD Image Adjustment: Sharpness and Brightness, Gamma parameters, RGB Saturation Battery Type: 10.8V 9000mAh Li-ion Battery Operation: More than 6 hours File transfer: USB Connection: 2 x USB 3.0 Type A Video out: HDMI (1920 x 1080p, 60 fps) PACS Connectivity: Yes (Wi-Fi&LAN)
Snapshot Resolution	<b>1089x800p / Png</b>	
Video Record	<b>Duration over 6 hours</b>	
Playback	-	Picture & Video
Electrical Power Requirement	100V-240V AC; 50-60Hz; 0.6-0.4A	100V-240V AC; 50-60Hz; 0.7-1.4A
Dimension W x H x T	235mmx 210mm x 70mm	310mmx 231mm x 39mm
Weight	3.2kg	2.14kg
Memory	32G SD Card, replaceable	64G



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