



www.vathin.com
marketing@vathin.com

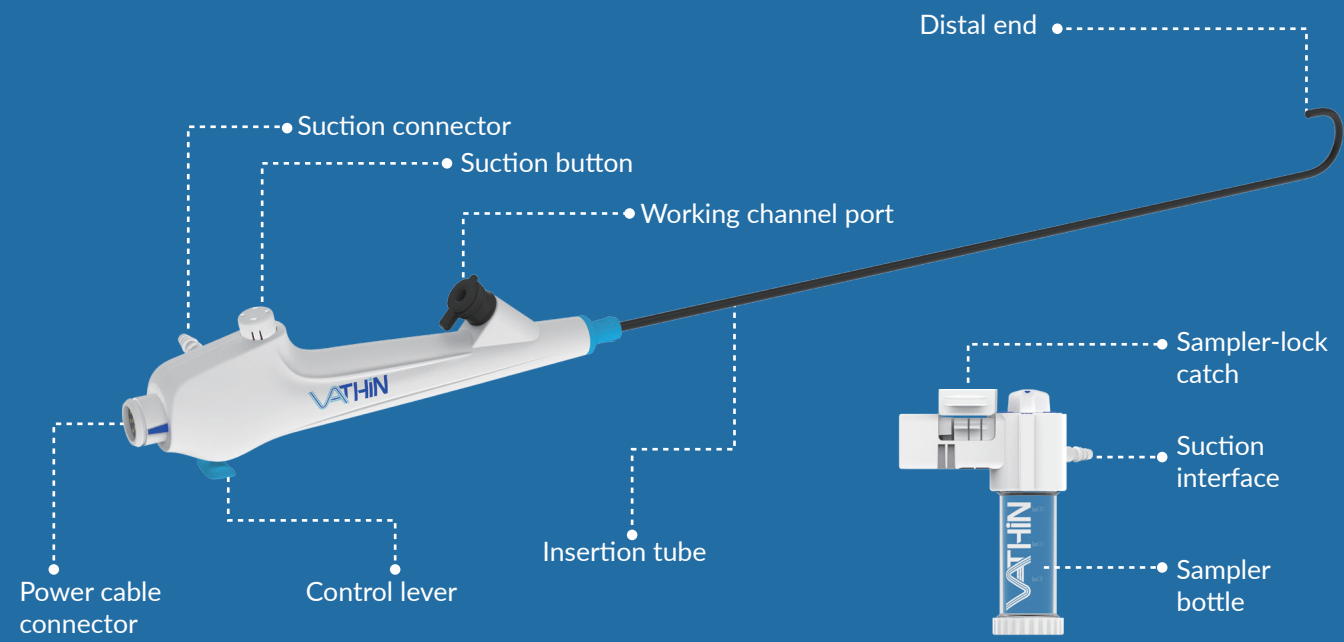
1/F, Building 12, Innovation and Entrepreneurship Service Center
No. 9 Chuanqi West Road, Jiuhua Economic Development Zone,
411100 Xiangtan, Hunan, China
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Single-use **Flexible Bronchoscope** EleBALScope Series

Dedicated BAL solution for ICU

Vathin EleBAL Scope series are specially designed for ICU and ER scenarios and target the clinical needs for safe sampling, ease-of-use and higher clinical performance.



Higher Level Suction Performance

90%
larger working channel
than conventional designs in
the same outer diameter.

Just like the Elephant's trunk, Vathin BALScope Series features in efficient suction and reach, with powerful aspiration and collection capability.

Product Features



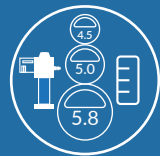
Unique Large Channel Design

Larger channel, enhanced suction power and better clinical outcomes.



Upgraded Visualization

720x1080 camera lens & full HD monitor.



Available Sizes

4.5/5.0/5.8mm OD scopes and 20/30/50ml samplers



Close-loop BAL Sampling System

Eliminate sample loss and contamination.



Eco-friendly Design

Re-usable power cable, designed with the environment in mind.



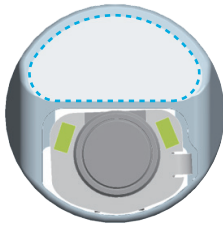
Single-use System

Single-use. Accessible. Sterile. No risk of cross-contamination.

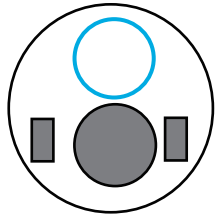
Optimize Your BAL Efficiency

Vathin EleBAL Scope series features an optimized large working channel that enhances suction power, accommodating to day-to-day demand for timeliness and clinical outcome.

Vathin EleBAL Scope Working Channel Design



Conventional design



OD	4.5mm	5.0mm	5.8mm	5.8mm
Working channel	8.6 Fr	10.2 Fr	12.6 Fr	8.6 Fr
Working channel area	4.19 mm ²	6.26 mm ²	10.06 mm ²	5.31 mm ²

LAGER working channel, SMALLER outer-diameter
ENHANCED patients' treatment experience

Options for 8.6/10.2/12.6Fr working channel

Lung infections are common in ICU patients, especially those on mechanical ventilation or with compromised immune systems. **Large-channel suction** is critical for clearing thick secretions (mucus or phlegm) that can block airways. Effective management with suctioning and BAL, alongside other treatments, can improve the patient's recovery prospects.

Options for 4.5/5.0/5.8mm OD with enhanced suction

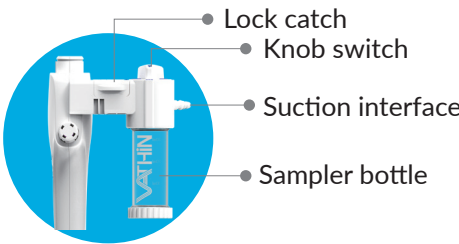
Selecting the thinnest possible bronchoscope is crucial for minimizing airway resistance, especially in ICU patients who require long-term endotracheal tube placement. A thinner bronchoscope with equivalent suction power can efficiently perform BAL procedures while leaving more space within the tube, maintaining better airflow.

Clinical Benefits

Used with the compatible medical electronic endoscope image processor to provide clear image to aid in diagnosing disease, and provide a channel for removing foreign body.

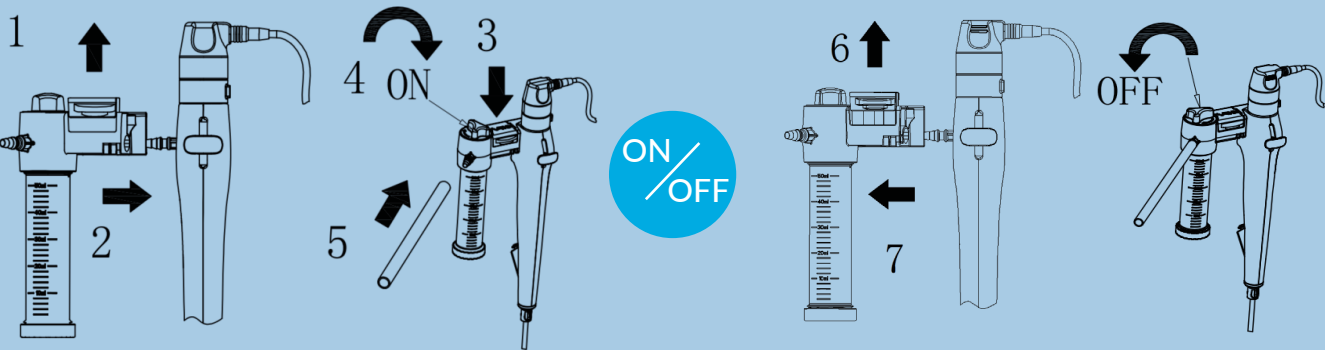
Secure Your Sampling Procedure

Vathin EleBAL Scope series integrates a closed-loop sampler that essentially changes the sampling workflow, from sample exposure steps to fully sealed sampling procedure.



In a fully closed-loop mode, Suction & Collection can be simply alternated by the Knob Switch on the sampler.

Streamlined Installation and Sampling by Vathin BAL Sampler



Clinical Benefits

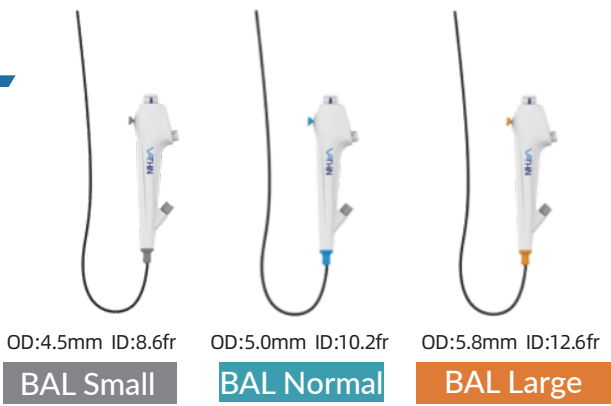
Close-loop Sampler

- Eliminates sample loss and contamination
- Improves sample quality and yield
- Reduces staff exposure to specimen
- Single-use sampler set. Ready to go when it's needed



Specification

EleBAL Scope Series



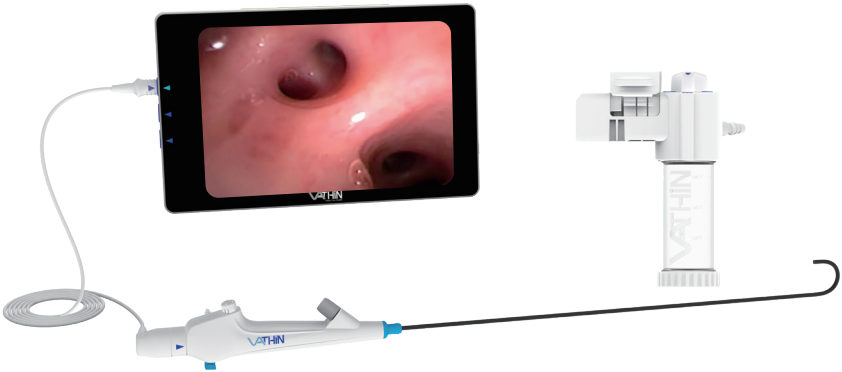
Name	BAL Small			BAL Normal			BAL Large		
Model	BC-E1C10	BC-E1C11	BC-E1C12	BC-E1E10	BC-E1E11	BC-E1E12	BC-E1H10	BC-E1H11	BC-E1H12
Insertion Tube OD	4.5mm			5.0mm			5.8mm		
Working Channel	8.6Fr			10.2Fr			12.6Fr		
Bending Section	U180°/D150°								
Working Length	600mm	580mm	560mm	600mm	580mm	560mm	600mm	580mm	560mm
Field of View	95°±15%								
Resolution	1280x720 plx								
ETT compatibility	≥5.5mm			≥6.0mm			≥6.5mm		
DLT compatibility	≥35Fr			≥40Fr			≥40Fr		

BAL Sampler



Model	S-20mL	S-30mL	S-50mL
Volume	20mL	30mL	50mL

Displaying Unit



Vathin EleBALScope series is compatible with Vathin DVM-D displaying unit with full HD imaging system.

HD Imaging System

Digital scope connector
1280x720,1920x1080p30

Analog scope connector
400x400,200x200;720x720



Model	DVM-D
Display resolution	1920*1080 (full HD 60Hz)
Display Type	15.6" FHD Color TFT-LCD
Dimension WxHxT	382 mmx 238mm x 44.5mm
Weight	3 kg
Storage Capacity	64GB

- ✓ High definition imaging system.
- ✓ Large screen for easier visualization.
- ✓ Simultaneous Dual-Scope Display offers
- ✓ Ideal clinical observation.

