

Ambu® aScope™ 5 Broncho HD Sampler Set

5.6/2.8 and 5.0/2.2

DATASHEET

The aScope 5 Broncho HD Sampler Set is the only high-performance single-use bronchoscope that includes an integrated closed-loop sampling system intended for simplifying diagnostic procedures including bronchoalveolar lavage (BAL) and lung washing – procedures vital to gathering specimens in patients undergoing treatment for lung disease or patients being managed in the bronchoscopy suite and critical care units.

REINVENTING SPECIMEN COLLECTION

With the launch of the 5th generation of aScope Broncho, Ambu takes flexible bronchoscopy to even greater heights.

Building on over a decade of single-use bronchoscopy know-how, aScope 5 Broncho HD combines the familiar benefits of reusable scopes with the advantages of the single-use solution. It is compatible with the full HD resolution Ambu® aBox™ 2 displaying and processing unit and can easily be connected to external monitors.

SAMPLE SMARTER

Our sampler solution integrates seamlessly with Ambu aScope 5 Broncho HD for superior lavage and marks the first innovation in specimen collection in 50 years. What makes the Ambu solution unique is a specimen container that clicks on to the scope, allowing you to switch between suction and sampling at the turn of a knob. This enables you to operate it without assistance and provides a high degree of control when sampling the lungs.

aScope 5 Broncho HD delivers consistently high performance with excellent maneuverability, next-level imaging and a smart, functional design. This level of performance is complemented by the sterility and efficiency of the Ambu single-use solution to give you the quality and flexibility you need for a complex and demanding workflow in the bronchoscopy suite.



KEY BENEFITS

Completely eliminate the need for reprocessing and endoscope repairs

Start or expand bronchoscopy services with minimal capital investment

Easily navigate the bronchial segments with bending angles of 195°/195° (up/down)

Designed for smooth insertion and positioning of endotherapy instruments

Choose the right endotherapy instrument needed without fear of damaging an expensive scope

Visualize the bronchial tree clearly as the HD system delivers superior image quality

Seamlessly integrate the aBox 2 displaying and processing unit to the documentation systems in use

Offer your patient a sterile scope and eliminate the risk of patient-to-patient cross-contamination

NOTE: aScope 5 Broncho HD and display devices may not be available in all countries, please contact your local Ambu representative.

Ambu

SPECIFICATIONS

Optical system

Field of View	120°
Direction of View	0° (forward viewing)
Depth of Field	3 - 100 mm
Illumination method	LED
Camera sensor module	CMOS

Insertion portion

Bending section	195° up, 195° down
Insertion cord diameter	5.0 mm (0.20"), 5.6 mm (0.22")
Distal tip diameter	5.4 mm (0.21"), 6.0 mm (0.24")
Maximum diameter of insertion portion	Max Ø 5.7 mm (0.22"), Max Ø 6.3 mm (0.25")
Minimum endotracheal tube size (inner diameter)	6.0 mm/18 Fr, 7.0 mm/21 Fr
Working length	600 mm (23.6")
Rotary function	120° left/right
Depth marks	Every 5 cm

Working channel

Instrument channel width	2.8 mm (0.11")
Minimum instrument channel width*	Min. Ø 2.65 mm (0.10")

Suction connector

Connecting tube inner diameter	Ø 5.5 - 9.0 mm
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Operating environment, storage, and transportation

Temperature - transportation	-10 - 55 °C (14 to 131 °F)
Temperature - operating environment	10 - 40 °C (50 to 104 °F)
Temperature - storage	10 - 25 °C (50 to 77 °F)
Relative humidity - storage	10 - 85 %
Atmospheric pressure - storage	50 - 106 kPa

Sterilization

Method of sterilization	ETO
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Other

Compatibility	High-frequency endotherapy instruments, argon plasma coagulation (APC) probes, cryobiopsy probes, Nd-YAG laser probes
Phthalate-free	Yes
Made free of natural rubber latex	Yes

ORDERING SPECIFICATIONS

Product	Item no.	Quantity
Ambu® aScope™ 5 Broncho HD 5.0/2.2 Sampler Set	621002000US	5
Ambu® aScope™ 5 Broncho HD 5.6/2.8 Sampler Set	622002000US	5

*There is no guarantee that accessories selected solely using this minimum instrument channel width will be compatible in combination.



aScope 5 Broncho HD 5.0/2.2 and 5.6/2.8 both work with the full HD resolution Ambu® aBox™ 2 displaying and processing unit and can easily be connected to external monitors.



Switch between suction and sampling at the turn of a knob, for single clinician operation, without sample loss.



Ambu's closed-loop solution easily connects to our monitor for clear bronchial segment visualization and smooth transfer of recorded patient imaging.

Ambu FOREVER FORWARD

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Questions? Contact your Ambu representative at **800-262-8462** or visit www.ambuusa.com/ascope5

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