

Think Within.



Bronchoscope System

Specification Data Sheet



Safety	Standard	Class II, 21CFR 874.4780 / Bronchoscope (Flexible Or Rigid) And Accessories / EOQ							
	Operating Storage and transportation	Temperature: 5°C-40 °C, atmospheric pressure: 700hPa-1060hPa, humidity: ≤93%. Temperature: 0°C-45 °C, atmospheric pressure: 700hPa-1060hPa, humidity: 30%-95%.							
Single-use Bronchoscope	Model	BR-M22	BR-M32	BR-M40	BR-M50	BR-M58	BR-M40H	BR-M52H	BR-M58H
	Insertion tube diameter	2.2 mm	3.1 mm	4.0 mm	5.0 mm	5.8 mm	4.0 mm	5.0 mm	6.0 mm
	Maximum size of insertion portion	2.3 mm	3.2 mm	4.1 mm	5.1 mm	6.1 mm	4.5 mm	5.5 mm	6.2 mm
	Working channel	/	1.2 mm	2.0 mm	2.8 mm	3.4 mm	1.2 mm	2.2 mm	2.8 mm
	Minimum ETT inner diameter recommended * ¹	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm	5.0 mm	6.0 mm	7.0 mm
	Minimum DLT size recommended * ¹	26 Fr	32 Fr	35 Fr	41 Fr	/	37 Fr	41 Fr	/
	Maximum instrument size recommended * ²	/	< 1.2 mm	< 2.0 mm	< 2.8 mm	< 3.4 mm	< 1.2 mm	< 2.2 mm	< 2.8 mm
	Type	Flexible							
	Image sensor	CMOS (Complementary Metal Oxide Semiconductor) Chip-on-tip							
	View angle	120°±10°							
	Direction of view	0°±10°							
	View depth	3-100 mm							
	Bending angle (up/down)	210°/210°							
	Working length	600 mm±10%							
	Total length	860 mm±10%							
	Weight	≤0.28 Kg							
	Control Button	Two Buttons (User definable, image processor allow the functions adjustment including White Balance, Zoom, Taking photo, Video recording, Freezing, Disable)							
	Enlarged view of tip 1. CMOS sensor 2. LED light source 3. Instrument channel outlet								
	Instrument channel (Direction from which instruments enter and exit the image)								

*¹The inner diameter of double lumen tube can vary depending on the brand or model of the tube. There's no guarantee that all the tubes selected can be passed by.

*² Due to the vary instruments in the market, there is also no guarantee that all the recommended sizes of instrument can go pass the working channel.

Image Processor	Model	MS-8
	Operating	Temperature: 5°C-40 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 30%-80%.
	Storage	Temperature: -10°C-45 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 80%.
	Transportation	Temperature: -20°C-50 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 20%-90%.
	Physical specification	
	Dimensions	386.4 (h) x 253.6 (w) x 38.5 (d) mm
	Weight	2.7 kg
	Display	
	Display size	15.6 inches
	Display resolution	1920*1080px FHD
	Display type	Color TFT LCD with touch screen
	Display orientation	Support dual-view display, rotation function
	Function of Setting	
	Scope button configuration	Function of A/B: White Balance, Zoom In/Out, Snapshot, Video recording, Freeze, Disabled
	Image adjustment	LED Level/Sharpness/Color Tone/Contrast
	Language	Simplified Chinese, English, French, German, Spanish, Portuguese, Norwegian, Swedish, Finnish, Italian, Russian, Traditional Chinese, Japanese, Persian, Romanian
	Pre-recording	Control function of Patient Information Management on/off
	Image border	
	Output interface	
	USB I (USB-A)	For data transfer, system upgrades, printer connection, keyboard & mouse connection
	Digital video output	HDMI, DVI and SDI for connectivity to the external monitor
	Output resolution	Full HD 1920*1080 px
	Input interface	
	VL-port	For connection with endoscope supporting USB Type-C cable
	Endoscope port	For connection with endoscope supporting edge connector cable
	DC	Power supply
	USB II (USB-A)	For developers only
	Recording function	
	Recording format	JPG or BMP for image or MP4 for video
	Memory capacity	Built-in SD card, 64 GB
	Audio recording	Supported
	File & Folder renaming	Supported
	Case Templates	Supported
	Power supply	
	Power adapter input	AC 100-240V 50/60Hz, 1.5A Max(Battery charger)
	Battery	Rechargeable lithium battery, DC 7.4V, 9500 mAh
	Battery continuous working time	Maximum 5 hours when battery under good condition and normal usage
	Mounting interface	
	Mounting interface standard	VESA MIS-D 100/75, C compliant displays with mounting interface
	Cleaning and Disinfection	
	Recommended cleaning method	It is recommended to wipe with water mixed with detergents or enzymatic solution for cleaning.
	Recommended disinfection method	It is recommended to wipe with 75% medical alcohol for disinfection.



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