

HUGEMED MS-8 SEMI-DISPOSABLE SMALL ANIMAL BRONCHOSCOPY SOLUTION

END-MS-BR-BUNDLE



PRODUCT DESCRIPTION

The HugeMed MS-8 Endoscopy Processor is the required central processing system for all the semi-disposable HugeMed BR Endoscope range.

The MS-8 Endoscopy Processor is an advanced imaging solution designed to enhance the performance of electronic semi-disposable BR endoscopes.

Created by HugeMed, this device processes and displays high-definition visuals, ensuring accurate diagnostics from reading and working in various endoscopic applications in clinical environments.

The MS-8 is required to operate the HugeMed-manufactured semi-disposable (up to 10 uses) BR endoscopes series. Connection is made via a single connector and is compatible with the complete BR ranges. The unit is fast to set up, with the ability to run on battery for over 4 hours of continuous use, making it the ideal choice for out of hours and remote work. The unit can be used for clinic and remote endoscopy on small animal, equine, wildlife, zoo, avian and exotics.

The MS-8 comes with a 15.6-inch touch screen which can display high-resolution and detailed images. The unit features multiple connectivity options, including HDMI, SDI, and DVI ports, to support a range of display devices. The system offers a streamlined, user-friendly interface, allowing real-time display, precise image adjustments, and efficient file management. Its more efficient data transfer provides fast and seamless connections between devices, which is essential for rapid information exchange. You have the ability to set unique user profiles which can log and store image capture and data into the file storage system of the unit per user. The built-in report generation system can output diagnostic reports instantly for each user, improving your endoscopic workflow and efficiency.

Users can manually configure and map the custom 'A' and 'B' buttons to action image adjustment functions such as zoom, video, photo mode or to freeze the image captures, all at the touch of a button for your operational convenience.

Powered by a rechargeable lithium-ion battery, the MS-8 delivers over 4 hours of continuous use. The device is also built to withstand varied conditions, with an operational temperature range of 5-40°C and non-condensing humidity levels between 30% and 80%.

Maintenance is simplified with accessible battery checks and cleaning guidelines. The robust design ensures reliability, while HugeMed-authorized support guarantees the integrity of repairs and replacements.

The BR-M25 and BR-M52-1000 Semi-Disposable Flexible Bronchoscopes that come in this package are used in the diagnosis and treatment of respiratory conditions in veterinary patients.

Semi-disposable scopes are a cost-effective solution to limiting contamination risks, incurring less processing costs, and reducing time spent on maintenance whilst remaining the ideal solution for procedures. Each scope has up to 10 uses.

Combining advanced design with high-quality imaging, it is perfectly suited to veterinary use, delivering exceptional precision in airway examinations, biopsies, foreign body retrieval treatments, and surgeries. This versatile bronchoscope is specifically designed for procedures involving the nasal cavity, upper respiratory tract, trachea, and bronchus, ensuring reliable performance across a range of diagnostic and therapeutic applications.

The lightweight handle of the unit includes a suction port for seamless integration with irrigation systems and a biopsy port for channel instruments, with 2 customisable buttons that can be programmed from the all-in-one MS-8 processor to control photographing, videoing, white balance adjustments and graphics freezing with the selected buttons displayed as hotkeys.

There is a manual lever at the base of the handle which controls the bending section and the distal tip of the scope for precise navigation. The high-quality medical grade patient tube is equipped with an integrated camera and LED light source. These components deliver high-definition visuals, transmitting image data to the MS-8 Image Processor via a 2500mm connecting wire.

Every bronchoscope is packed in sterilised, single-use packaging with the date of manufacture and expiration date clearly indicated on the label, ensuring an aseptic shelf life of 3 years. This minimises cross-contamination risks, enhancing safety for both patient and practitioner. Professional disinfectant wipes that are effective against bacteria, yeasts, viruses, and fungi which are tested to veterinary standards (European PT3 test standards for microbiological testing on key veterinary equipment) are suitable for cleaning the outside surfaces of these scopes.

With seven models within the BR series, there is ample choice to meet the unique and diverse needs of veterinary practitioners who are making diagnosis and undertaking treatments on patients. The various sizes satisfy the requirements of different operational settings. This range is best suited to alveolar lavage, airway examinations, biopsies, foreign body removal, intubation, medication delivery and secretion suction procedures. The units are fast to set up, with the ability to run on battery for over 4 hours, making them the ideal choice for out of hours and remote work.

The BR-M25 bronchoscope offers reliability, flexibility, and high performance, making it a trusted choice for veterinary professionals seeking excellence in endoscopic care. It is compatible with all the conventional accessories such as biopsy forceps, foreign body forceps, baskets, prong graspers, brushes, and mucus collection traps. and 1.0mm instruments used in endoscopic care.

MS-8 Key Features:

- This central system is the one processor that you need for all of the HugeMed semi-disposable BR Endoscopes
- Image Adjustment: LED Level / Sharpness / Brightness / Colour Tone / Contrast
- USB 2.0 for faster data transfer
- Wired or Wireless Wi-Fi Network Capability
- DVI-D /HDMI 2.0 / 3G SDI Outputs for connectivity to external monitors
- 1-Year Manufacturer Warranty

Specification:

Processor Model	MS-8
Display Size	15.6"
Display Type	TFT-LCD touchscreen
Resolution	1080P (1920*1080 px)

Feature	Picture, Record, Zoom, USB file export
Function	Dual view, WIFI, LED Level / Sharpness / Colour Tone / Contrast / Rotation / White Balance
Memory	Built-in SD card standard 64GB
Power Supply	Nominal Voltage: DC 7.2 V
Battery	Rechargeable Battery > 9500mAh, 4-5h Continuous
Dimensions	3864mm H x 2536mm W x 385mm D
Weight	2.7Kg
Operating Time	Over 4 Hours Continuous Operating Time
Memory Capacity	Internal Storage of 64GB

BR- Endoscope Key Features

- HD Resolution for clear, high-quality imaging.
- Built-in LED light source and high-definition camera.
- Variable field of view and sharp focus in narrow spaces and at great depths.
- High-quality patient tube with flexible distal end for smooth navigation.
- Supports a wide range of procedures versatile applications and advanced techniques.
- Easy and wide aspiration and sampling through the working channel.
- User-friendly multi-functional handle with programmable hotkeys for ease of use.
- Manual lever for precise control and adjustment when using the bending section.
- Safe and hygienic sterilised packaging with a 3-year aseptic shelf life, reducing cross-contamination risks.

BR-M25 - Semi-Disposable Flexible Video Bronchoscope Specification

Endoscope Model	BR-M25 - Semi-Disposable Flexible Video Bronchoscope
Field of View (°)	120° ±10%
Direction of View (°)	0°±10°
Depth of Field (mm)	3mm - 50mm
Insertion tube diameter(mm)	2.5mm
Working Length (mm)	600mm±10%
Working Channel (mm)	1.2mm±10%
Bendable Portion (°)	210° (upwards) and 210° (downwards), with a deviation of -5% (excluding upper limit)
Functions	Photographing / Videoing / White Balance / Graphics Freezing
Connections	USB / HDMI
U/D, L/R rotation(ways)	2 Way Rotation
CMOS Pixel (px)	400px*400px
Optical	HD, Wide Angle
Overall Length (mm)	860mm±10%
Operational Environment Temperature (°C)	5-40°C(41-104°F)



BR-M52H-1000 - Semi-Disposable Flexible Video Bronchoscope Specification

Endoscope Model	BR-M52H-1000 - Semi-Disposable Flexible Video Bronchoscope
Field of View (°)	120° ±10%
Direction of View (°)	0°±10°
Depth of Field (mm)	3mm - 50mm
Insertion tube diameter(mm)	5.0mm
Working Length (mm)	1000mm±10%
Working Channel (mm)	2.2mm±10%
Bendable Portion (°)	210° (upwards) and 210° (downwards), with a deviation of -5% (excluding upper limit)
Functions	Photographing / Videoing / White Balance / Graphics Freezing
Connections	USB / HDMI
U/D, L/R rotation(ways)	Advanced 4 Way Rotation
CMOS Pixel (px)	1280px*720px
Optical	Full HD, Wide Angle
Overall Length (mm)	860mm±10%
Operational Environment Temperature (°C)	5-40°C(41-104°F)

Available Bronchoscope specifications:

Semi-disposable BR scopes							
Model	BR-M58H	BR-M58H-1500	BR-M52H	BR-M52H-1000	BR-M40H	BR-M32	BR-M25
Insertion tube diameter(mm)	6.0	6.0	5.0	5.0	4.0	3.1	2.5
Working channel(mm)	2.8	2.8	2.2	2.2	1.2	1.2	1.2
Working length(mm)	600	1500	600	1000	600	600	600
U/D, L/R rotation(ways)	2	4	2	4	2	2	2
CMOS Pixel	1280*720 HD	1280*720 HD	1280*720 HD	1280*720 HD	1280*720 HD	400*400	400*400

ADDITIONAL INFORMATION

Animal	Small Animal
SKU	END-MS-BR-BUNDLE
Brand	HugeMed
Catagory Sub Heading	Includes processor, stand and scopes
Procedure Type	Bronchoscopy, Cystoscopy, Respiratory Examination, Rhinoscopy

Endoscopy Device

Camera System

Image Resolution

Full HD

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