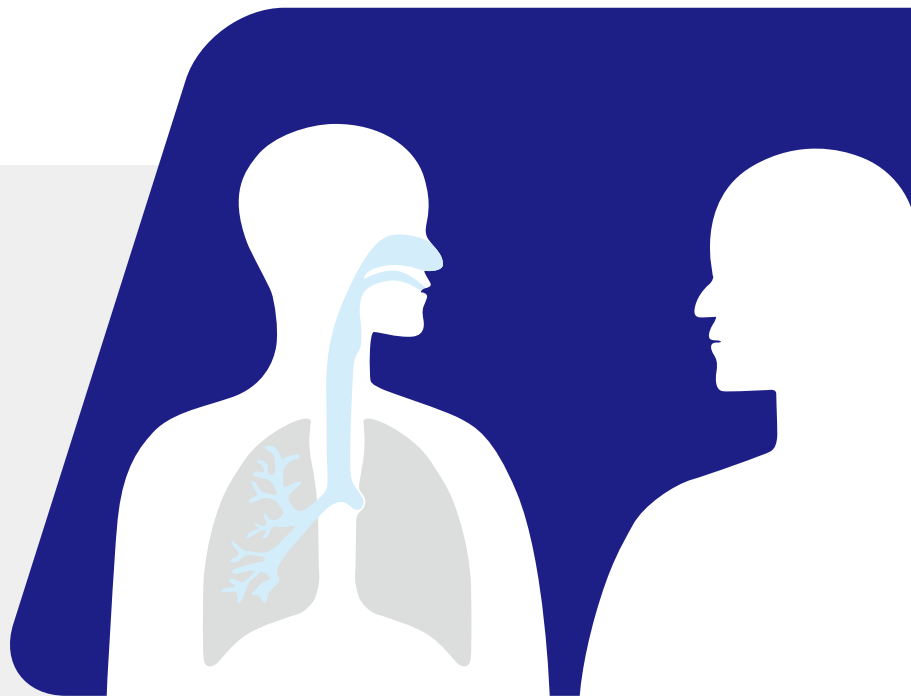


SPECIALIZING IN ANESTHESIA & RESPIRATION CARE






SPECIALIZING IN ANESTHESIA & RESPIRATION CARE

HugeMed provides the right equipment and supplies to support the vital role of the anesthesia team. With extensive knowledge in both respiratory and anesthesia care, HugeMed bridges the gap in critical care by integrating effective solutions that: Improve patient safety and outcomes. Reduce cross contamination risk. Deliver cost savings on both specialty and everyday products. Support compliance efforts.






Advanced Flexible series

VL3S

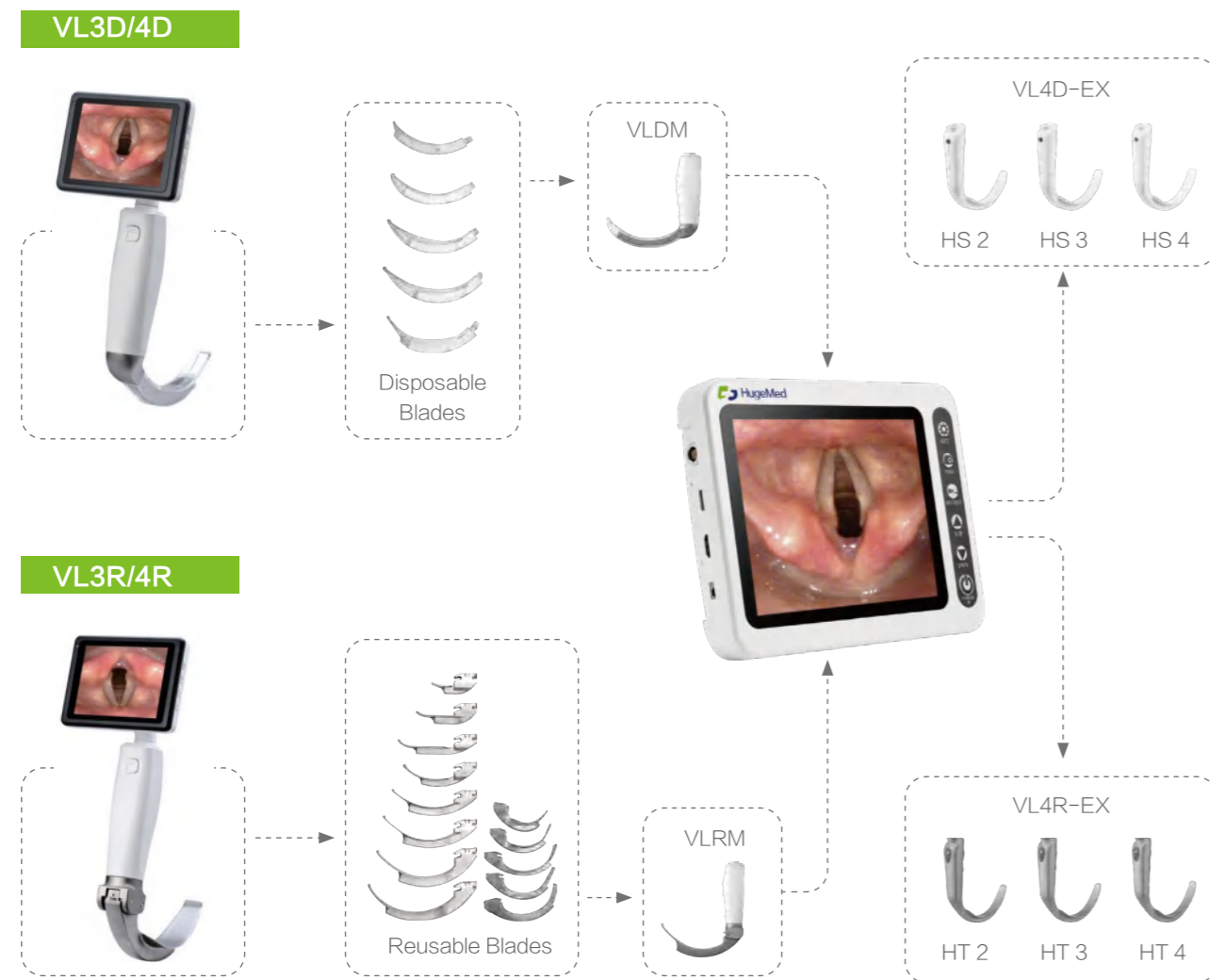




VL3S (3.5 inch) VLMCF (8 inch)

VLM-02

BR Series RH Series



VL3R/4R

HugeMed Reusable Video Laryngoscope



The image quality

3.5/4inch full-angle LCD high resolution display,
Resolution ratio: 640x480/800x480RGB
Rotation: up/down:120° left/right:120°

Functional

one-click button for photography and video recording
built-in 32G storage card

Model is complete

13 models of blades are designed for various population

Safety

- Anti-Fog Lens
- Anti-Microbial Handle
- Disposable blades
- Sterile package
- Single use design avoid Cross Infection
- Reusable blades
- Durable 316 Medical stainless steel
- IPX8 waterproof grade design
- Support immersion disinfection

High-Definition

The 3.5/4 inch anti-reflective display with full view has the high performance visualization capabilities for every intubation
Better View: 2.0 Megapixels Cameras

Easier

Rechargeable li-ion battery, One Shot
Button for Recording

VL3D/4D

HugeMed Disposable Video Laryngoscope



Convenient for teaching

Through the USB data interface, charging, video copy the output
Extensible external HD interface display

High resolution wide-angle

2 megapixels camera
Field angle ≥ 60 degrees, and the lens angle is between 50° - 60°

Model is complete

5 models of blades are designed for various population

Faster

Lightweight, Portable
Faster Installation and Intubation
Faster Removal of blades or Drop blades

Cost Effective

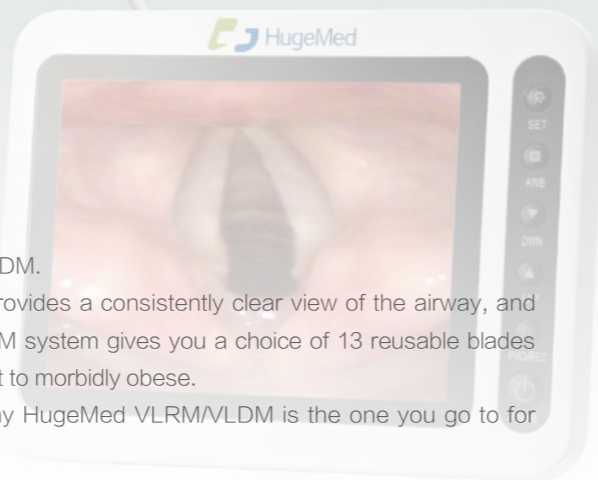
Low cost disposable blades
316 medical stainless reusable blades can be used 1000 times

Specifications

Display	Size: 3.5/4inch Full view
	Monitor: LCD
	Resolution Ratio: 640*480/800*480RGB
	Aspect Ratio: 4:3
	Video refresh Rata: 30FPS
Data output	Illumination: LED
	Easy to establish and store files
Image output	USB interface
Laryngoscope blade Camera Include	Resolution Ratio 2.0M Pixels
	Field Angle: 60°
	Illuminance ≥ 400 LUX
Handle	Confortable ergonomic short handle design
	Type Rechargeable Lithium Battery
Battery	Long working time ≥ 180 -200 Minutes
	Voltage 3.7V
	Capacity ≥ 3200 mAh
	Battery life Cycle: More Than 300 times
	Charging times: less than 4-6hrs

HUGEMED VLRM/VLDM

When time is critical, make your go-to device the HugeMed VLRM/VLDM. Ideal for demanding OR, ED, and ICU settings, the VLRM/VLDM provides a consistently clear view of the airway, and enhanced maneuverability enabling fast intubations. The VLRM/VLDM system gives you a choice of 13 reusable blades and 5 disposable blades to cover a wide range of patients—from infant to morbidly obese. Add real-time recording and an onboard tutorial, and you'll see why HugeMed VLRM/VLDM is the one you go to for advanced video laryngoscopy.



VLRM



VLRM/VLDM= ADVANCED AIRWAY VIEWS



Reusable Blades

Digital color monitor with LCD-quality resolution
 Reusable video laryngoscope with digital-resolution camera
 Innovative blade sizing, angulation, and camera positioning
 Anti-fog feature, with a rapid heating profile to resist lens clouding and secretions

VLDM



VLRM/VLDM= ADVANCED USER FEATURES



Disposable Blades

Integrated, real-time recording helps confirm tube placement and facilitate teaching
 Ergonomic design and rugged construction for multiple clinical applications
 Reusable blades in 13 sizes:
 MILLER 00, 0, 1,
 MAC 1, 2, 3, 4, 5
 MACD 1, 2, 3, 4, 5
 Also available in 5 single-use sizes

Advanced Video Laryngoscopy:

Real-time recording.
 LCD clarity.



Applications

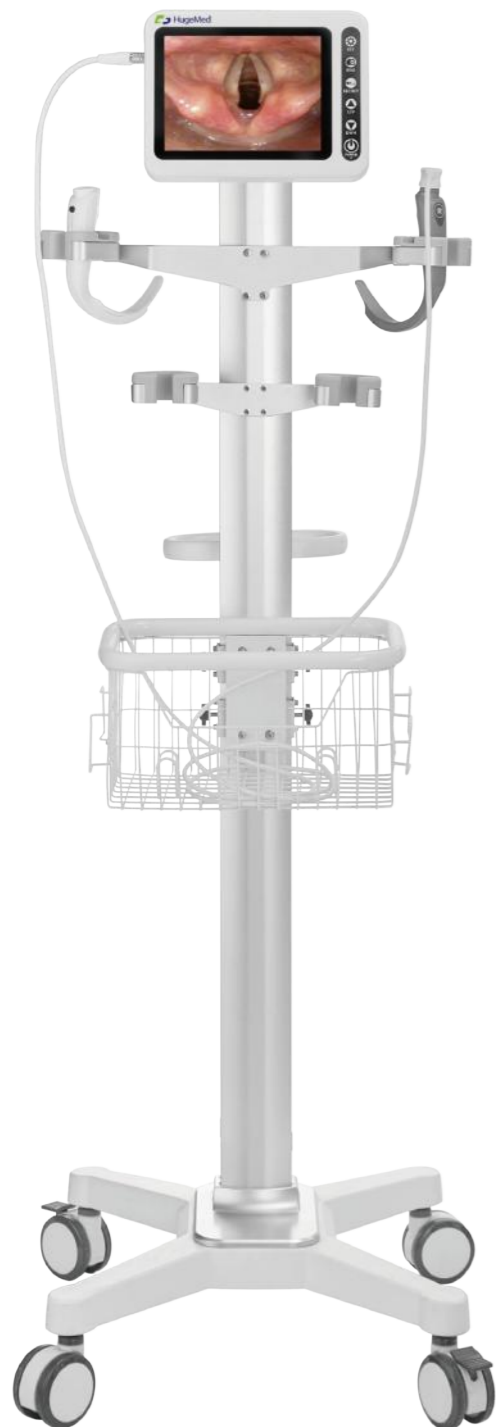
- First-use intubations, replacing direct laryngoscopy
- Normal or restricted oropharyngeal views
- Cormack-Lehane Grades I - IV laryngeal views
- Trauma airways—excellent when dealing with blood and secretions in the airway
- Video-guided tube exchange in the ICU

Specifications

Type	VLRM	VLDM
Display	8 Inch LCD monitor HD Display	
Resolution	1024*768RGB	
Data audiovisual output	Support	
Camera Resolution	2M Pixel	
View Angle	66°	
Illumination	≥ 800LUX	
Battery Life Time	120-150min	
Battery Capacity	6400mAh	
Voltage	3.7V	
Blade type	Reusable Blades	Disposable Blades
Material of Blade	SUS316L	PC
Shot and Record Function	Support	
Anti-fog	Anti-fog when it's on	
Blade Sizing	Miller 00/0/1; Mac 1/2/3/4/5 ; MacD 1/2/3/4/5	Mac 1/2/3/4/5
HDMI&USB Port	Include	
Connector for Screen and Handle	Include	
Bracket (with tray)	Include	
Attachments	Adapter, Power cord, Data connection line	
Blades Disinfection	Refer to the reusable laryngoscope instructions	Refer to the Disposable laryngoscope instructions

Hugemed New Design Airway Management Advance

Video Laryngoscope Accessories



- All New 3 Blades Design
- Fully Disposable blade for No Cross-Contamination
- Real Time Snapshot and Video Recording to Confirm the Tube Placement and Education
- Blade Size Continue to Expanding for Wide Array Clinical Demands
- Titanium Providing Better Maneuverability and Working Space for Routine and Difficult Intubation
- External monitor connection capability for education and observation

Functional
Photo & Video recording
8G storage

High Resolution
2M and 300K camera

Tailored and Durable
3 Blades
TC4 and ABS+PC
IPX8 Waterproof

Optimized Workflow
USB/HDMI port



VLM

Single-Use Video Laryngoscopes



Titanium Reusable Video Laryngoscopes



Technical Specifications		
Type	VL4REX	VL4DEX
Display	8 Inch LCD monitor HD Display	
Resolution	1024*768RGB	
Data audiovisual output	Support	
Data audiovisual output	2M	300K
View Angle	66°	62°
Battery Life Time	120-150min	
Battery Capacity	6400mAh	
Blade type	Reusable Blades	Disposable Blades
Material of Blade	Titanium	ABS+PC
Blade Sizing	HT2, HT3, HT4	HS2, HS3, HS4
HDMI&USB Port	Include	
Connector for Screen and Handle	Include	
Bracket (with tray)	Include	
Attachments	Adapter, Power cord, Data connection line	

HugeMed VL3H Rigid Laryngoscope

Option Reusable



Rotation

up/down 0-140°
left/right 0-180°

Main Features

Five Size Diameter Rigid Laryngoscope
The VL3H Series Features
5 Size: 3.0mm、3.9mm、5.0mm
5 models of VL3H hard blades: N3065、N3965、H5055、H5065、H5075
Specification H5055, H5065, H5075, diameter for disposable
Specification N3065, N3965, diameter can be reused for more than 5,000 times



Disposable

Integrated design, no maintenance
3.5-inch full view LCD screen
resolution ratio: 640X480
5 diameter specifications
support oxygen supply
The stylet can be arbitrary plastic, rear end high elastic, not easy to damage the airway
Can take pictures, videos, data output storage files
The diameter of the pipe can be reused for more than 5,000 times

Specifications			
PARTS	PARAMETER		
	Infant(flexible)	Adult(flexible)	Adult(un-bending)
Field Angle	100 ± 10%		60 ± 5%
Depth of Focus	3-50mm		20-50mm
Resolution	640*480		640*480
Display	3.5"		
Pixels	400*400		640*480
Illuminance	≥ 400LUX		
Weight	330g	340g	350g
Swivel Up and Down	0-130		
Swivel Left and Right	0-270		
Rigid Tube Diameter	3mm	3.9mm	5.0mm
Rigid Tube Radian	80mm>R>50mm		R=55mm,R=65mm,R=75mm
Rigid Tube Length	L=260	350mm	
Battery Discharging Time	/		
Battery Recharging Time	/		
Recharging Times	>300		
Adapter Input	100-240VAC 50/60Hz		
Adapter Output	5V 2000mA		
Working Temperature	5°C ~+40°C		
Working Humidity	20%-80%		
Working AP	860hpa~1060hpa		

HugeMed VL3S Series

Display
Horizontal and vertical rotation angle: $\geq 120^\circ$
HD full view screen, 6 function buttons, USB port, HDMI port for big display.

Camera System
Photo and Video recording function, Easy for clinical teaching and training

Suction Button
Fast Connection; Smooth Suction

Working Channel
Inner diameter: 1.2mm/2.6mm/3.0mm available

Quick Handlings
1 lock design
Fast installation and disassembling
Stay firm and efficient

Handle
Ergonomic streamline design
Anti-slip and improve hand held comfort

Distal tip part
Dual deflections
New CMOS Technology
High brightness LED light source 160 up 130 down

Angulation Control
Flexible angulation control
Precise location

Scope
True 1:1 Torque Ratio for Easy operation

Insertion part
Outer diameter: 2.8mm/3.9mm/5.2mm/5.8mm
Fracture resistant, smooth, flexible and durable

Reference					
	Size	M28	M39	M52	M58
Scope Body	Illumination	LED			
	Joint Outer Diameter	2.8mm	3.9mm	5.2mm	5.8mm
	Instrument Chanel Inner Diameter	0mm	1.2mm	2.6mm	3.0mm
	Working Length	650mm			
	Anti-Fog	Anti-fog when it's on, no need for preheating.			
Operating system 、 Software System upgrades are free for life					
Display	Size	3.5inch/8inch			
	Storage	8GB SD Card			
	Shoot	Support			
	Video Record	Support			
	White Balance	Support			
	Freeze/Backwards	Support			
	Video Synchronous Out put	Support			
Note: M28/M39 is not applicable for endoscopic diagnosis and treatment accessories. M28/M39/M52/M58 is not suitable for high-frequency electrotherapy surgery and laser hemostasis. Continuous working time in more than two hours, but it depends on ambient temperature and battery condition.					

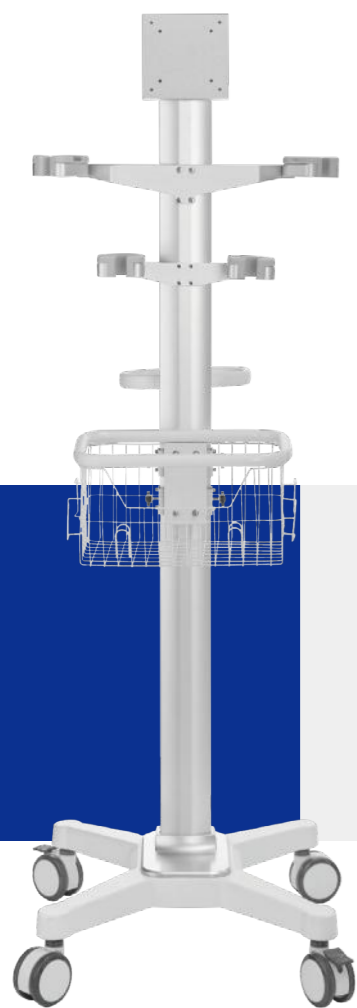
Advantages

- **Portable**
Light weight, Easy to operate, Saving time for EMS, Convenient for transportation and storage
- **Multifunction**
Available for the intubation of difficult airway, Inspection of airway and double chamber, Alveolar lavage, Biopsy, Treatment of pneumothorax, Stent Implantation, Removal of tracheal foreign bodies, Other treatments for the bronchi, Such as Local radiotherapy and chemotherapy, Medication Injection
- **Multifunction**
One screen for four scopes, Four working channel sizes for option
- **Durable**
Electronic camera system with LED, New technology for the photo processing: CMOS, Higher quality pictures, Last longer than traditional scope
- **Durable**
Applied to the departments such as: ICU, NICU, Respiration, Anesthesia, Emergency etc.

Accessories available: TROLLEY



Accessories



Mobile Stand

A stand-alone configuration for use in a variety of hospital settings



Rigid Stylet

For use with endotracheal tubes 6,0 mm and larger.
Recommended to facilitate successful intubations.



Ems Bag

Color: BLUE/RED
Size: 3.5inch/8inch



Disposable Blades

Model No.	Size(L*W*H)	Applicable patients
Mac 1	95x28x12.5	infant
Mac 2	110x29x13	children
Mac 3	120x27x13	adult
Mac 4	135x22x14	difficulty (obese)
Mac 5	120x29x16	difficulty

Full Cover Blades covid-19

Mac1/2/3/4/5
Option: blades with channel (Mac 3/4)



Full Cover Blades covid-19

Mac1/2/3/4/5
Option: blades with channel (Mac 3/4)



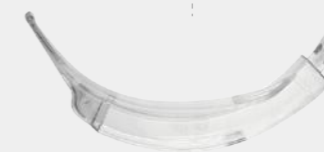
Half Cover Blades

Mac 1/2/3/4/5
Option: blades with channel (Mac 3/ 4)



Guide Slot Blades

Mac 1/2/3/4/5
Option: blades with channel (Mac 2/3/4)



Reusable Blades



Model No.	Size(L*W*H)	Applicable patients	
Miller 00	72x16x30	premature	
Miller 0	84x17x30	newborn	
Miller 1	110x18x30	infant	
Mac 1	MacD 1	101x18x34 96x18x34	infant
Mac 2	MacD 2	117x23x37 115x22x50	children
Mac 3	MacD 3	130x24x39 127x22x34	adult
Mac 4	MacD 4	138x26x49 136x22x57	difficulty (obese)
Mac 5	MacD 5	150x25x52 147x22x59	difficulty

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