



Brochure  
**Reusable**  
**Rhinolaryngoscope**

**HugeMed**

An Endoscopy Solution Company  
P/N: ENG-EU-CATA-SPE-VL3SS-202402V1.0Rev.1



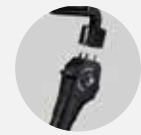
MD722076

# VL3S



## Processor

Horizontal and vertical rotation angle: 120°  
HD full view screen.  
6 function buttons, USB port, HDMI port for big display



## Quick Handlings

1 lock design  
Fast installation and disassembling  
Stay firm and efficient



## Angulation Control

Flexible angulation control  
Precise location

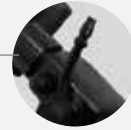
## Camera System

Photo and Video recording function  
Easy for clinical teaching and training



## Suction Button

Fast Connection; Smooth Suction



## Working Channel

Inner diameter:  
Several sizes available



## Biopsy Valve

Cover the opening to the biopsy port



## Insertion portion

Fracture resistant smooth flexible and durable



## Distal tip part

Dual deflections, 160° up 130° down  
New CMOS Technology  
High brightness LED light source



350mm working length

## Reusable Rhinolaryngoscope Flexible type

### Features:

Portable: Completely mobile, compact and space-saving

### Ergonomic design:

Marvelous balance for superb handling and to reduce fatigue

### Application occurrence:

Easy to operate in OPD, Endoscopy Room, Teaching hospital, etc.

### Benefits:

Wide field-of-view and angulation range allow easy orientation



## Specification

Model	VL3S				
Processor	Display size	3.5 inches LCD processor			
	Display ratio	4:3			
	Display type	TFT-LCD			
	Resolution	640*480 px			
	Function	USB&HDMI port; White balance			
Battery	Memory	Taking photo and video recording, built-in 32G memory card			
	Battery Capacity	Rechargeable 1800mAh lithium-ion battery			
	Working Time	Continuous working time ≥4 h			
	Battery Life Cycle	≥300 times			
Scope	Charging Times	4-6h			
	Field Angle	110°±10%			
	Configuration	Suction port, biopsy port			
	Distal tip part	160°up 130° down			
	Resolution	160,000 px			
	Water Resistance	IPX7 when waterproof cap is attached			
	Insertion tube				
	Insertion tube size	M52-1	M40-1	M30-1	M28-1
	Outer diameter of Insertion tube(mm)	5.2mm	4.0mm	3.0mm	2.8mm
	Instrument channel inner diameter(mm)	2.6mm	2.0mm	1.2mm	/
	Working length(mm)	350mm			

# VLMCF

Portable  
Reusable  
Rhinolaryngoscope

**Progress in view:**

1024\*768 px output provides perfect view of the nasal cavity, pharynx, larynx

**Benefits:**

Help operator resist infection from the procedure, be more convenient for teaching; Easy to move

**Application occurrences:**

Easy to operate in OPD, Endoscopy Room, Teaching hospital, etc.

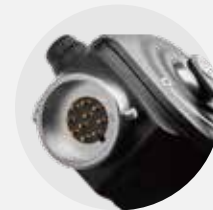
**Multiple models:**

**M28-1/M30-1/M40-1/M52-1** available

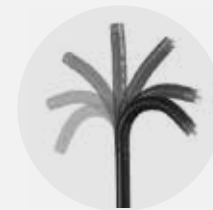


Signal cable

Specification		
Model		VLMCF
Processor	Display size	8 inches LCD processor
	Display ratio	4:3
	Display type	TFT-LCD
	Resolution	1024*768 px
	Function	USB&HDMI port; White balance
Memory	Taking photo and video recording, built-in 32G memory card	
Battery	Battery Capacity	Rechargeable 6400mAh lithium-ion battery
	Working Time	Continuous working time ≥4 h
	Battery Life Cycle	≥300 times
	Charging Times	4-6h
Scope	Field Angle	110°±10%
	Configuration	Suction port, biopsy port
	Working length	350mm
	Distal tip part	160°up 130° down
	Resolution	160,000 px
	Water Resistance	IPX7 when waterproof cap is attached



Quick plug and unplug



Bending angle

# MS-8

Image  
processor

**One central system:**

One processor for all HugeMed' s endoscope, can be used in anesthesiology department, OR, ICU, etc.

**IT Solution:**

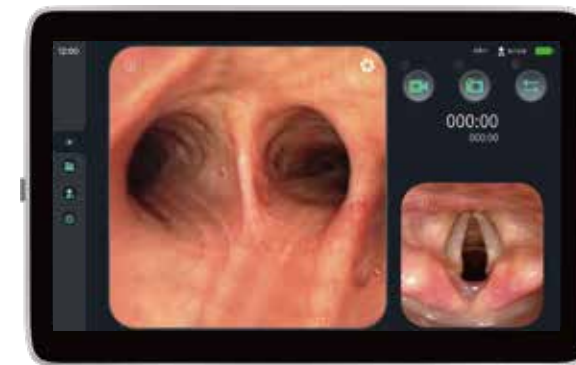
With DICOM protocol, MS-8 recorded image and video can be transferred to hospital PACS system. This will effectively improve the efficiency of inter-departmental collaboration

**More Connection abilities:**

Type-C connector for scope and data connecting, USB3.0 for faster data transfer, Wired or wireless networks ability; DVI/HDIM/SDI image output ability

**Flexible Mobility:**

No matter on the trolley or on the table, MS-8 can be placed steadily. The machine has been equipped the new trolley which can be use in different occurrences such as OR, ICU, OPD, etc.



Specification		
Model		MS-8
Display	Dimension	386.4 (h) x 253.6 (w) x 38.5 (d) mm
	Weight	2.6 kg
	Display size	15.6 inches TFT-LCD
	Display resolution	1080P(1920*1080)px
	Display type	TFT-LCD, touch screen
Function	Dual view, WIFI, Brightness control, Contrast control, Using time calculator, etc.	
Power supply	Working time	Continuous working time ≥4h
	Memory capacity	Built-in SD card standard 64 GB