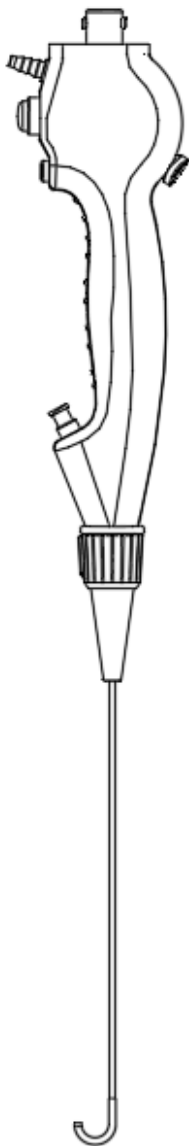


GT-20/80

Portable Veterinary Endoscope



Read This User Manual Carefully Before Using

Packing List

No.	Product	Quantity(PC)
1	Portable Veterinary Endoscope	1

Specifications

Product: Portable Veterinary Endoscope

Model No.: GT-80(5826), GT-20(2812)

S/N: See the label

Version Information

Version Number: V1.0.0

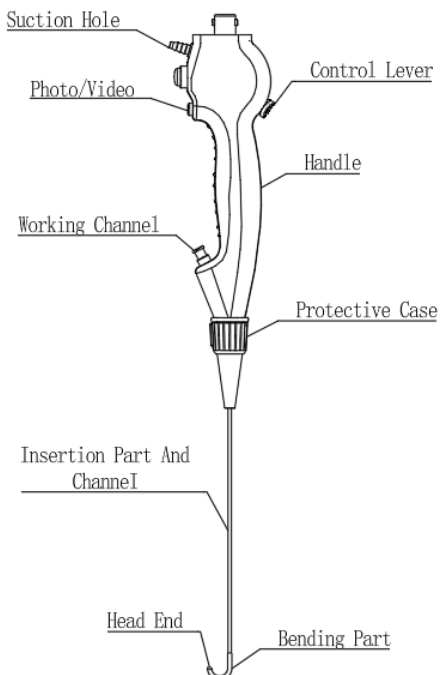
Compilation Date: Dec.12, 2025

Product Model No. & Components

Model No.	Description
GT-80(5826) ; GT-20(2812)	Push Rod Operation Mode,Flexible Insert Tube.

Structural Composition: Head End, Bending Part, Insertion Part, Operating Part, Electrical Appliances Connection Part And Built-In Led Light Source.

As Shown Below:



- ① Control Lever: The bending direction of the insertion tube can be controlled.
- ② Handle: User handheld operation.
- ③ Working Channel: Channel for inserting instruments used with endoscopes and connecting to an irrigation system.
- ④ Protective Case: Can be reduced the risk of damage to the insertion tube.
- ⑤ Insertion Part And Channel: The part that enters the animal's body.
- ⑥ Bend Part: The bending direction and angle of the front end can be controlled by controlling the push rod.
- ⑦ Head End: Contains a camera module that can take pictures, video and transmit back electrical signals.
- ⑧ HDMI/USB Cable: Directly connect to computer/or transfer to computer/mobile phone.
- ⑨ Photo/Video: Press once to take a photo, press and hold for 2 seconds to record a video. (Connect to a computer or mobile phone, manual operation is required to take photos and videos)

Specifications

Model No.		GT-80(5826)	GT-20(2812)
Optical System	Field of View	120°	120°
	Depth of Field	3-50mm	3-50mm
	Enlarged view of head end 1 Camera 2 LED 3 Working Channel		
	OD of Insertion Tube	5.8mm (USB)	2.8mm (HDMI)
	Working Channel	2.6mm	1.2mm
	Working length	650mm±15%	
	Maximum OD of Insertion Part	≤6.2mm	≤3.2mm
Working Channel	Minimum Working Channel Size	≤2.0mm	≤1.6mm
Bend Part	Deflection Angle	bidirectional 180°; Left 90°, right 90°	
LED	Light Source Color	White Light Supply voltage is DC 5V	
Light Source System	Correlated color temperature	≥3000K	
	Output total luminous flux	0.8 lm	
	Red light radiant flux ratio	0.65	
	Blue light radiant flux ratio	1.3	
Laser Treatment		Be applicable	
Local Frequency Electrosurgery		Not applicable	

Storage Environment

Storage Conditions: -20°C ~ 55°C; Relative Humidity: 30% ~ 75%

How to use

[Working conditions]

- a) Ambient temperature: 10°C~40°C.
- b) Relative humidity: ≤80%; non-condensing.
- c) Atmospheric pressure: 700hPa~1060hPa.
- d) Power condition: DC 5V

[Operating Instructions]

Portable endoscopes support the connection of Android phones, Android tablets, laptops, computers, etc., and do not support devices running the IOS system for the time being.

1. Download the software

Laptops and computers can use the camera that comes with Windows or download the Amcap v3.0.9 software. For Android phones and tablets, you can download the "Driverless USB Camera" from the app store or your browser.

2. Connecting the equipment

After carefully removing the device from the package, select the connector that corresponds to the interface of the device and connect it.

a) Windows system connection: Connect the endoscope USB port to the computer, and the lens LED light is on, that is, the connection is successful.

Way one: search open the system comes with a camera, click the switch camera button can be successful out of the picture. (As shown in Figure 1, Figure 2)

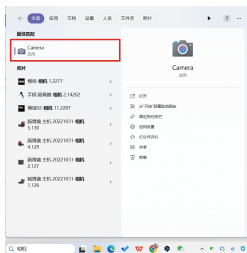


Figure 1

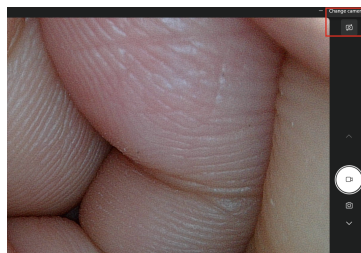


Figure 2

Way two:

- (1) First open the Amcap camera, click Options and then check Preview (as shown in Figure 3).
- (2) Then click Devices and select the camera you want to access (as shown in Figure 4).

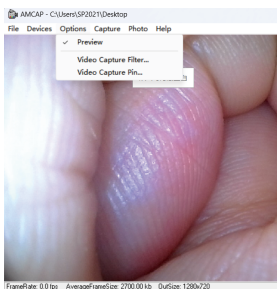


Figure 3

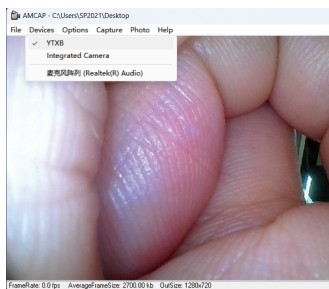


Figure 4

b) Android phones and tablets: Plug the USB port of the endoscope in the Type-c adapter and connect the device, and the LED light of the lens is on, that is, the connection is successful.

Open the "driver-less USB camera" software can be used. (OPPO, VIVO and other brands of cell phones need to manually turn on the OTG function can be used normally. (OPPO, VIVO and other brands of mobile phones need to manually open the OTG function to work properly, please refer to the instruction manual of the cell phone for the operation steps or try the following operation: Mobile phone settings - other networks and connections - OTG function, turn on the function).

[Insert]

1. Start by holding the handle of the endoscope with one hand.
2. Operate the control lever with your thumb.
3. Then hold the insertion tube with your other hand.
4. While observing the endoscopic image, the distal end is inserted into the body cavity, and the control lever is slowly operated to guide the distal end for insertion and observation.

The cleaning and sanitizing methods are detailed in the attached schematic

Warning

- After the device is connected, do not point the head end of the product towards human eyes. Illumination light may cause damage to the eyes.
- Be sure to perform a visual inspection and functional inspection before use. If any of the inspection fails, do not use this product.
- Do not use excessive force when operating this product.
- When the foreign body clamp is in the working channel, do not open the foreign body clamp to avoid damaging the channel tube.
- If any abnormality occurs during the surgical operation of this product, the operation should be stopped immediately and the product should be removed from the animal's body according to the instructions while keeping the snake bone vertical.
- Always watch the live endoscopic image on the monitor when pushing or pulling this product in, and when working on curved sections.



Notes

Thank you for choosing our Portable Veterinary Endoscope.
Please read the User's Manual carefully before using the product.



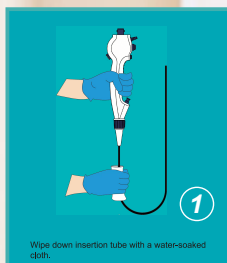
- Before first use, make sure you read and understand all packaging information, including warnings, precautions, and instructions for use.
- When using sharp instruments with this product, be careful not to damage the cannula or tip portion.
- Care should be taken when handling the cannula tip to prevent it from colliding with other objects, which may damage the device. The tip lens surface may be cracked, possibly causing image distortion.
- Do not apply excessive force to the bend, as this may damage the device. Examples of inappropriate bend handling include:
 - Manual Twisting;
 - Operate it in any other situation where you feel resistance.
- Please do not use this product as a striking tool or discard it randomly.
- Please adjust the lens steering knob to the initial position after using the product.
- When the product is not in use, please return it to the original box and store it in a dry and ventilated place.

Explanation

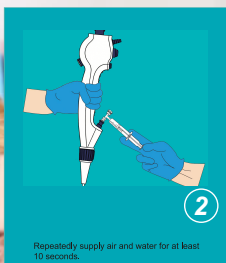
- Have appropriate equipment ready for immediate use to ensure treatment can continue in the event of equipment failure.
- The Company is not responsible for any damage or injury to this product or to the patient resulting from improper use.

Cleaning and Disinfection Process

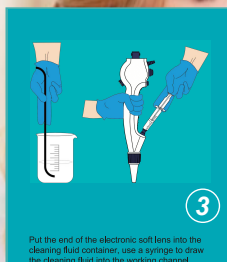
Portable Veterinary Endoscope Cleaning And Disinfection Guide



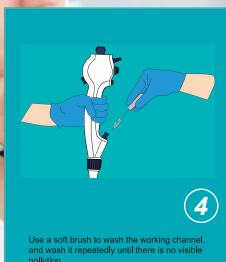
Wipe down insertion tube with a water-soaked cloth.



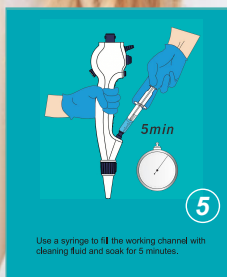
Repeatedly supply air and water for at least 10 seconds.



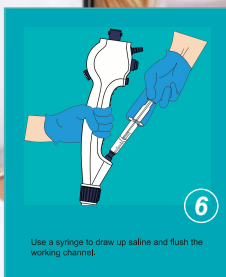
Put the end of the electronic soft lens into the cleaning fluid container, use a syringe to draw the cleaning fluid into the working channel.



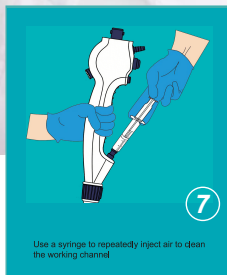
Use a soft brush to wash the working channel, and wash it repeatedly until there is no visible pollution.



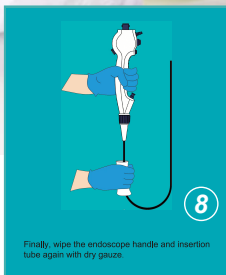
Use a syringe to fill the working channel with cleaning fluid and soak for 5 minutes.



Use a syringe to draw up saline and flush the working channel.



Use a syringe to repeatedly inject air to clean the working channel.



Finally, wipe the endoscope handle and insertion tube again with dry gauze.



- The handle is not waterproof, please be careful to avoid liquid penetration when disinfecting.
- Clean and disinfect each accessory and cleaning accessory according to the instruction manual.
- Always wear personal protective equipment when cleaning and disinfecting endoscopes.
- During each reprocessing cycle, all channels of the endoscope must be cleaned and highly disinfected, even if these channels have not been used in previous procedures.
- Deciding which cleaning and disinfection methods should be used is the responsibility of a trained expert.
- When using cleaner solutions and disinfectant solutions, be sure to follow the manufacturer's recommended for temperatures and soaking times.