VTN-PLUS Videoendoscope

Veterinary videoendoscopy for horses and large animals

The VTN-PLUS is a portable videoendoscope for large-animal veterinary use, with particular emphasis on examination of the equine respiratory tract. Its **5-inch TFT LCD monitor** and photo and video recording capabilities allow veterinarians to view and document examinations in the clinic and at the stable.

The insertion tube incorporates a **2.8 mm working channel** for compatible instruments and a separate channel for rinsing the objective lens. This enables lens cleaning during examination, helping restore visibility in the presence of secretions. Joystick control allows the distal bending section of the insertion tube to be steered during inspection.



MONITOR AND CONTROLS



LUER CONNECTORS



DISTAL TIP

INSERTION TUBE AND IMAGING

Distal tip diameter	8.2 mm
Insertion tube length	1.5-3 m
Working channel	2.8 mm
Lens cleaning channel	1 mm
Insertion tube sheath	Polyurethane
Articulation	360° multidirectional; joystick control and lock
Distal tip angulation	Greater than 90°
Field of view	120°
Depth of field	5-150 mm
Direction of view	Forward (axial), 0°
Camera resolution	1280 × 720 pixels
Illumination	5 W white LED light, adjustable

MONITOR AND RECORDING

Display	5-inch TFT LCD, 1024 × 768 pixels, detachable
Recording	JPG photos and MOV video on microSD
Supported storage	microSD up to 64 GB
Supplied memory card	32 GB microSD included
Power supply	Rechargeable lithium battery
Operating time	3-4 hours, depending on use
USB-C port	Battery charging
Signal outputs	HDMI and Wi-Fi

OPERATING CONDITIONS

Insertion tube operating temperature	0-60 °C
Other components operating temperature	0-40 °C
Relative humidity	15-90%
IP67 rating	Insertion tube and distal tip only

INCLUDED EQUIPMENT

Hard carrying case, 32 GB microSD card, hand pump, Luer-tip syringe, SD card reader, battery charger, HDMI cable and user manual.

WARRANTY AND SERVICE

Warranty: 1 year. Repair service available.

The maximum supported storage capacity differs from the capacity of the supplied microSD card.

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