VTN Videoendoscope

Portable videoendoscopy for veterinary diagnosis

The **VTN** is a portable videoendoscope for visual examination of the **equine respiratory tract** and for endoscopic examinations in **medium-sized and large animals**. Battery operation and a detachable monitor facilitate transport and use in the clinic, at the stable and during field visits.

The flexible insertion tube has a **6 mm diameter and no working channel**, and is intended for diagnostic observation. The joystick steers the distal section and locks its angulation. The **5-inch TFT LCD monitor** displays the images from the HD camera.

Recording **photos and videos on microSD** allows examinations to be documented, images to be stored and comparisons to be made at subsequent check-ups, supporting the veterinarian's assessment.



MONITOR AND CONTROLS



JOYSTICK AND BUTTONS



CONNECTIONS AND CONTROLS

INSERTION TUBE AND IMAGING	
Distal tip diameter	6.0 mm
Standard length	1.5 m
Sheath	Polyurethane
Articulation	Multidirectional, joystick and lock
Field of view / depth of field	120° / 5-150 mm
Viewing direction	Axial, 0°
Camera resolution	1280 × 720 pixels
Illumination	Adjustable 5 W fibre-optic white light

MONITOR AND RECORDING	
Display	5-inch TFT LCD, 1024 × 768; detachable
Recording	JPG photos and MOV video on microSD
Storage	microSD up to 64 GB
Power supply	Rechargeable lithium battery
USB-C port	Charging and computer file access

OPERATING CONDITIONS	
Insertion tube temperature	Insertion tube: 0-60 °C
Other components	0-40 °C
Relative humidity	15-90%
IP67 protection	Insertion tube and distal tip only

INCLUDED EQUIPMENT

Hard carrying case, microSD card, battery charger and user manual.

WARRANTY AND SERVICE

Warranty: 1 year. Repair service.

TECHNICAL NOTES

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

IP67 protection applies only to the insertion tube and distal tip; the body and monitor are excluded.

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