Videoendoscope “VTN-MOB”

Portable videoendoscopy for horses and large animals

The VTN-MOB is a portable videoendoscope for horses and other large animals, with a particular focus on respiratory tract examination. With no built-in monitor, it enables users to view and document examinations with photos and videos via an app on compatible iOS and Android smartphones or tablets, in the clinic or at the stable. The insertion tube has a 2.8 mm working channel for compatible instruments and a 1 mm lens irrigation channel; the joystick controls angulation of the distal tip.



SMARTPHONE VIEWING



LUER CONNECTORS AND CHANNELS



JOYSTICK AND CONTROLS

PROBE AND IMAGING	
Distal tip diameter	8.2 mm
Insertion tube length	1.5-3 m
Working channel	2.8 mm
Lens irrigation channel	1 mm
Insertion tube sheath	polyurethane
Angulation	360° multidirectional, joystick and lock
Distal tip angulation angle	greater than 90°
Field of view	120°
Depth of field	5-150 mm
Viewing direction	axial, 0°
Camera resolution	1280 × 720 pixels
Illumination	5 W white LED light, adjustable

IMAGE DISPLAY	
Device	compatible smartphone or tablet
Built-in monitor	not fitted
Operating systems	Android and iOS
Image capture	photos and videos via app
Supported memory	microSD up to 64 GB
Supplied memory card	32 GB microSD included
Power supply	rechargeable lithium battery
Battery runtime	3-4 hours, depending on use
USB-C port	battery charging

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

INCLUDED EQUIPMENT

Hard case, 32 GB microSD card, pump, syringe with Luer fitting, SD card reader, battery charger, HDMI cable and user manual.

WARRANTY AND SERVICE

Warranty: 1 year. Repair service available.

The smartphone shown illustrates use of the system and does not imply that it is included in the supply.

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