UT100VC

Handheld Veterinary Vital Signs Monitor

The UT100VC Vet Capnograph Monitor is a multi-parameter monitor that measures and displays capnography data and fractional inspired CO2 (FiCO2) values of intubated and non-intubated animals as well as respiratory rate, oxygen saturation (SpO2) and pulse rate. It combines semi -quantitative end-tidal carbon dioxide detection with veterinary pulse oximetry into one portable, durable and economical handheld monitor.
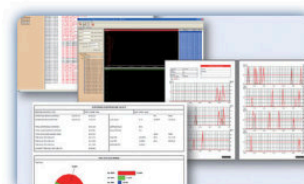
- 2.8" high resolution color display, two display directions.
- Capnograph with trends and SpO2 with waveform.
- Three measurement modes: spot-check , record and monitoring.
- Easy-to-use LCD display with vertical and horizontal displaying modes.
- Hardware and software are for veterinary specific.
- Transfer trend data to computer for reviewing, printing, storage and analysis via USB port.
- Flexible configurations to choose between mainstream and sidestream ETCO2 sensor.
- Suitable for scanning horses, cows, sheep, pigs, cats, dogs, etc.

ECG specially designed for veterinaries with high sensitivity.

Free to chose sidestream or mainstream CO2 module.

DMS, professional data management system.

UTMD

SPECIFICATIONS

Enclosure

Weight	258g (0.569lb), including four batteries
Dimensions	75mm W x 135mm H x 28mm D (2.95 in. W x 5.31 in. H x 1.10 in. D)

Display

Screen size	71.1mm (2.8 in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
Resolution	240 x 320 pixels

Alarms

Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Full storage, low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10 seconds

SpO2

Aturation range	1% to 100%
Accuracy	70–100% (±2%), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Pulse Rate

Aturation range	25bpm to 350bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

Trend

	Tabular
Memory	Saves a total of 120 hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters

ETCO2 (Optional)

Mode	Sidestream or Mainstream
Aturation Range	0–150mmHg
Accuracy	0–40mmHg ±2mmHg 41–150mmHg ±10% of reading
Resolution	0.1mmHg
Flow rate	50ml/min ±10ml/min

Electrical

Battery	Four new Ni–Mh batteries with 4,800mAh will typically provide 20 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Alkaline/Ni–Mh Batteries, IEC: LR6
Voltage	1.5 V x4 for Alkaline Batteries, 1.2V x4 for Ni–Mh Batteries

Environmental

	Transport and Storage	Operating Conditions
Temperature	−20°C to 60°C (−4°F to 140°F)	0°C to 45°C (32°F to 113°F)
Altitude	−500 to 5,000m (−1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

Configuration

Standard	Veterinary SpO2 sensor, ETCO2 Module, Hanging Strip
Optional	AC adapter, Alkaline/Ni–Mh Batteries, Portective Cover, Data Analysis Software

ACCESSORIES

Vet Lingual Clip SpO2 Sensor

Mainstream ETCO2 Module

Sidestream ETCO2 Module

Data Analysis Software

UTECH Medical Device Pty Ltd.

www.utechmd.com.au   Email: info@utechmd.com.au

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RSPCA Corporate Supporter