

L10M/L12M/L15M Series Animal Monitor

Animal condition in one glance

10.0 inch

12.0 inch

15.0 inch



HD Display



Touch Screen



Silence



Intelligent Setting



Easy Clean



More Readable



Overview

L10M/L12M/L15M series of veterinary monitors are independently developed and manufactured by Witleaf Medical company, based on a large number of clinical studies on veterinary monitoring, designing veterinary-specific system solutions and algorithmic systems, which are widely used in veterinary monitoring and surgery.



For more information, please contact us: sales@szwitleaf.com

Witleaf

Features

Excellent Performance :

- > LowPulseStr™ SpO2 algorithm provides more reliable SpO2 readings during low perfusion and exercise ;
- > iFastBP® NIBP algorithm for fast and comfortable measurements ;
- > wSmartHeart® ECG technology for safer animal monitoring ;
- > wSmartGas® Capnograph technology for reliable readings in multiple environments .

Powerful function :

- > Multi display mode other beds view/Big font ;
- > 10,12,15inch screen can be optional ;
- > Wifi connectivity more flexible application ;
- > Smart alarm system more safety and more efficient ;
- > Fanless design .

Resp CO2

ECG SPO2

IBP/NIBP TEMP
PR



Patented CapnoSET and TiniStream technology

Anti-motion NIBP & SPO2 Algorithm

Excellent ECG analysis

Multi-scenario application:



Animal care



Operating room

Product Optional Guider

Standard application	Optional application
3/5leads ECG	12Leads ECG
NIBP	IBP
RESP	EtCO2(Main stream , TiniStream),
SpO2	Central monitor
PR	Touch Screen
HR	Recorder
TEMP	

Product Specifications

GENERAL

Dimensions : 10inch(31cm*14cm*24cm)

12inch(36cm*16cm*25cm)

15inch(39cm*15cm*26cm)

Weight : 4.5kg

Screen size:10inch,12inch and 15inch



PARAMETER

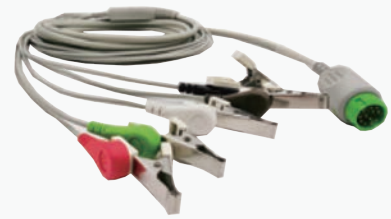
SPO2

- ◆ SPO2 Range: 0~100%
- ◆ SPO2 Accuracy : 70~100%, $\pm 2\%$ <69%,Undefined
- ◆ PI Range : 0~20%
- ◆ PVI Range : 0.001%
- ◆ PR Range : 25-350bpm
- ◆ PR Accuracy : ± 3 bpm



ECG

- ◆ ECG Range : 0.15~5.5mV
- ◆ ECG Resolution : 2.36uV/LSB
- ◆ HR Range : 15~350bpm
- ◆ HR Accuracy : ± 1 bpm or $\pm 1\%$ (whichever is greater)
- ◆ RR Range : 0~120bpm
- ◆ RR Accuracy : 15~120rpm : ± 2 rpm or $\pm 2\%$ <15rpm:Undefined



TEMP

- ◆ Range 0-50°C
- ◆ Accuracy $\pm 0.1^\circ\text{C}$
- ◆ Resolution 0.1°C



NIBP

- ◆ Pressure Range 0~300mmHg
- ◆ Pressure Accuracy ± 2 mmHg or $\pm 1\%$ of reading (take the larger value)
- ◆ Resolution 1mmHg
- ◆ SYS Range Large animal : 40-270mmHg Medium animal : 40-235mmHg Small animal : 25-130mmHg
- ◆ DIA Range Large animal : 10-210mmHg Medium animal : 10-180mmHg Small animal : 10-90mmHg
- ◆ Mean Range Large animal : 20-230mmHg Medium animal : 20-200mmHg Small animal : 15-100mmHg
- ◆ Accuracy The mean deviation $< \pm 5$ mmHg The standard deviation < 8 mmHg



RESP

- ◆ Range 0-120Rpm
- ◆ Accuracy 15-120Rpm ± 2 Rpm or $\pm 2\%$ of the reading (whichever is larger) Others,undefined
- ◆ Resolution 1Rpm

IBP(Optional)

◆ Pressure Range	-50~400mmHg
◆ Accuracy	±3mmHg or ±1% of reading
◆ PR Range	25-250bpm
◆ PR Accuracy	±2bpm or ±2% (whichever is greater)

EtCO2 (Optional)

◆ CO2 Range	0~20.0vol%
◆ CO2 Accuracy	0~12vol%:±(0.2vol%+2%of reading) 12.1~20vol%:±(0.2vol%+6%of reading)
◆ AwRR Range	0~150rpm
◆ AwRR Accuracy	mainstream:0~150rpm,±1rpm Sidestream:0~69rpm,±1rpm 70~150rpm,Undefined



* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions

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