

# 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](mailto: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%,±2% <69%,Undefined
- ◆ PI Range : 0~20%
- ◆ PVI Range : 0.001%
- ◆ PR Range : 25-350bpm
- ◆ PR Accuracy : ±3bpm



## ECG

- ◆ ECG Range : 0.15~5.5mV
- ◆ ECG Resolution : 2.36uV/LSB
- ◆ HR Range : 15~350bpm
- ◆ HR Accuracy :  $\pm 1$ bpm or  $\pm 1\%$  (whichever is greater)
- ◆ RR Range : 0~120bpm
- ◆ RR Accuracy : 15~120rpm :  $\pm 2$ 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  $\pm 2$ 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  $\pm 2$ Rpm or  $\pm 2\%$  of the reading (whichever is larger) Others,undefined
- ◆ Resolution 1Rpm

### IBP(Optional)

- ◆ Pressure Range -50~400mmHg
- ◆ Accuracy  $\pm 3\text{mmHg}$  or  $\pm 1\%$  of reading
- ◆ PR Range 25-250bpm
- ◆ PR Accuracy  $\pm 2\text{bpm}$  or  $\pm 2\%$  (whichever is greater)

### EtCO2 (Optional)

- ◆ CO2 Range 0~20.0vol%
- ◆ CO2 Accuracy 0~12vol%:  $\pm(0.2\text{vol}\%+2\%$  of reading)  
12.1~20vol%:  $\pm(0.2\text{vol}\%+6\%$  of reading)
- ◆ AwRR Range 0~150rpm
- ◆ AwRR Accuracy mainstream: 0~150rpm,  $\pm 1\text{rpm}$   
Sidestream: 0~69rpm,  $\pm 1\text{rpm}$   
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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