

Vetal 3

Portable Veterinary Monitor



Physical Specifications

Size (W×H×D):	300mm*215mm*155mm
Weight:	Approx. 2.1 kg (with battery)
No-fan:	Yes
Waterproof:	IPX1

Display

Type:	10.1 inches color display
Resolution:	1024×600 pixels

ECG

3-lead:	I, II, III
5-lead:	I, II, III, aVR, aVL, aVF, V
Sweep speed:	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Gain:	×0.125, ×0.25, ×0.5, ×1, ×2, ×4, Auto
Bandwidth:	Diagnostic mode: 0.05Hz ~ 150 Hz Monitor mode: 0.5Hz ~ 40 Hz Surgical mode: 1Hz ~ 20 Hz

HR

Range:	15bpm ~ 350bpm
Accuracy:	±1bpm or ±1%

Respiration

Method:	Impedance method
Lead:	I and II
Range:	0 rpm ~ 150 rpm
Accuracy:	±2 rpm or ±2% (7rpm ~ 150rpm)
Sweep speed:	3 mm/s, 6.25 mm/s, 12.5 mm/s, 25.0 mm/s, 50.0 mm/s

SpO₂

Range:	0% ~ 100%
Accuracy:	±3% (70% ~ 100%)
Perfusion index (PI)	Yes
PI range:	0.05% ~ 20%

PR

Range:	20bpm ~ 254bpm (SpO ₂) 30bpm ~ 300bpm (NIBP)
Accuracy:	±3bpm (SpO ₂) ±3bpm or ±3% (NIBP)

NIBP

Operation mode:	Manual, Auto, STAT
Measurements:	Systolic, Diastolic, Mean
Range:	Weight >23kg: 10 ~ 290mmHg Weight 10 ~ 23kg: 10 ~ 240mmHg Weight < 23kg: 10 ~ 240mmHg
Max. measurement time:	120s
Overpressure protection:	Yes

TEMP

Channel:	Single
Range:	0°C ~ 50°C
Accuracy:	±0.1°C

Data Storage

Trends:	1200 hours, @1h 120 hours, @1min 4 hours, @5s
Parameter alarms:	1800 alarms and related parameter waveforms
Arrh. events:	128 arrhythmia events and related waveforms & parameters
NIBP measurements:	1600 stes

Battery

Type:	Chargeable Lithium-ion
Number:	1
Voltage:	7.2V
Capacity:	2600 mAh
Run time:	≥2 h
Charge time:	Less than 4 hours (monitor is off) Less than 6 hours (monitor is on)

Interfacing

Connectors:	1 AC power connector 1 RJ45 network connector 1 USB 2.0 connector
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Environmental

Ambient temperature:	Operating: 0 ~ 40°C Storage & transport: -20 ~ 60°C
Relative humidity:	Operating: 15% ~ 95% Storage & transport: 10% ~ 95%

Atmospheric pressure:

Operating:

427.5mmHg ~ 805.5mmHg

Storage & transport:

427.5mmHg ~ 805.5mmHg



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