

PM5000V

Veterinary Patient Monitor

The PM5000V is intended to be used in veterinary clinics and hospitals to measurement patient's SpO₂, Pulse rate, Non-invasive blood pressure, Temperature, 5-lead/3-lead electrocardiography (ECG) and Respiration rate. Optional parameters include two invasive blood pressure and capnograph (CO₂). An internal printer is also provided as option.

- 12.1 inch large-sized screen, anti-dazzle with 4° incline.
- Wide-angle alarms indicator makes patients safer.
- Unique designed LOGO for veterinary use only.
- Variety of accessories for different size veterinaries.
- Widely used in pet hospitals and animal clinics etc.
- Large pulse rate range of 20–350 for maximum applications.
- Selectable for 3 or 5 leads ECG mode.
- 3 NIBP cuffs are included and fit a variety of patients.
- 3-level visual/audio alarms and alarm events can be stored and reviewed.
- Support slot interfaces: Network, Wi-fi.



Big front displaying is easy to read during surgery.



ECG specially designed for veterinaries with Anti-jamming capability.



Recorder supports the print of 3-channel waveform at the same time. (Optional)



Double batteries channels to realize long time continuous operation.

SPECIFICATIONS

Enclosure

Weight	3.75kg (8.27lb), including 1 battery
Dimensions	324mm W x 324mm H x 183 mm D (12.76in. W x 12.76in. H x 7.20in. D)

Display

Screen size	307.3 mm (12.1 in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
Resolution	800 x 600 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% ($\pm 2\%$), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Pulse Rate

Aturation range	25bpm to 350bpm
Accuracy	$\pm 2\text{bpm}/\pm 2\%$ take maximum
Resolution	1bpm

ECG

Aturation range	25bpm to 350bpm
Accuracy	$\pm 2\text{bpm}/\pm 2\%$ take maximum
Resolution	1bpm
Leads	I, II, III, V, aVR, aVL or aVF
Display gain	X1/4, X1/2, X1, X2, X4
Display sweep speed	6.25, 12.5, 25, 50mm/sec

NIBP

Method	Oscillometric
Aturation Range	0–300mmHg
Accuracy	Based on ANSI/AAMI SP10:1992 and 2002 Standards
Measurement Time	30–50s typical, 180s maximum
AUTO Interval Times	2, 3, 5, 10, 30 min, or 1, 2h

RESP

Aturation range	0–130rpm
Accuracy	± 1 pm
Resolution	1rpm

TEMP

Aturation range	0–50°C
Accuracy	$\pm 0.2^\circ\text{C}$
Resolution	0.1°C

ETCO2 (Optional)

Mode	Sidestream
Aturation Range	0–150mmHg
Accuracy	0–40mmHg $\pm 2\text{mmHg}$ 41–150mmHg $\pm 10\%$ of reading
Resolution	0.1mmHg
Flow rate	50ml/min $\pm 10\text{ml/min}$

Electrical

Battery	Four new lithium batteries with 4,400mAh will typically provide 4.5 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium Batteries, 4,400mAh, DC 11.1V
Voltage	AC 100–240V, 50–60Hz, 80VA

Environmental

	Transport and Storage	Operating Conditions
Temperature	–40°C to 75°C (–40°F to 167°F)	0°C to 50°C (32°F to 122°F)
Altitude	–500 to 5,000m (–1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

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

Configuration

Standard	SpO2+ECG+NIBP+RESP+TEMP
Optional	Sidestream ETCO2 Module, Double Lithium Batteries, IBP, Trolley, Recoder, Brace, IPMS8600 Central monitoring system

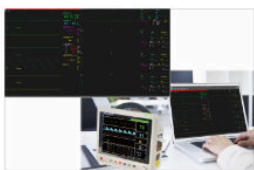
ACCESSORIES



Standard



Rectal SpO2/TEMP sensors



IPMS8600



Trolley



Sidestream ETCO2 Module

UTECH CO., LTD.

Add.: UTMI Building, No.390, Jingdongfang Avenue, Beibei District, Chongqing, 400715, P. R. China.

Eml.: service@chinautech.com

Web: www.chinautech.com

Tel.: +86-23-86082658

Fax: +86-23-86082218

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