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MMED6000DP S6-V

Portable Multi-Parameter Veterinary Monitor

- * 10.4" active matrix TFT, CRT can be connected simultaneously
- * Portable, compact, AC power and internal rechargeable battery
- * Anti-high-frequency electrosurgical equipment
- * Optional inner printer with 3 channels wave or external printer
- * 13 kinds of Arrhythmia analysis, S-T segment and HRV analysis
- * 300 seconds ECG waveforms review, 100 items alarm event records
- * 72-hour Trend for NIBP, SpO2, HR, ST and 72-hour data records
- * Display 9 waveforms maximum in the screen
- * Display 7-channel ECG waveforms in one screen simultaneously
- * 3-level audible and visual alarm
- * Adjust volume more accurately by digital system
- * Multiple languages.
- * Optional Dual-IBP, Et-CO2, built-in thermal recorder
- * Application for small animals
- * Support Ethernet, wireless LAN and could connect with central monitoring system

Supplied By:-

a.somerville.ltd
 X-Ray Supplies and Radiographic Equipment Specialists



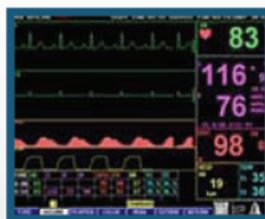
User Friendly Design

- > Alarm light: 3-level alarm
- > Handle: easy to carry
- > Battery: built-in battery
- > Button: flexible operational keyboard



Display Modes

- > Standard State
- > Large font display
- > ECG Extend
- > Graph Extend
- > IBP Extend



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Portable Multi-Parameter Veterinary Monitor

Technical Specifications

Safety

Meet the requirements of IEC60601 serials standards, CE marking according to MDD93/42/EEC

Dimensions and Weight

Dimensions 345mm x 198mm x 240mm
 Weight 3.8kg with battery

Power Requirements

Power Supply 100-230VAC, 50/60Hz 1.6A max
 Internal Battery 12V 3.3AH: rechargeable batteries
 Operating Time 2 hours typical at 25°C, no printing, (fully charged)
 one NIBP measurement per 15 min battery)

Patient Range

Small size to medium size animals
 Display 10.4" colour active matrix TFT
 Resolution 640 x 480

Displayed Parameters

Time Battery backed quartz crystal clock
 Alarms High and low limits selectable on patient parameters
 ECG ECG Waveform scale
 Heart Rate Derived from ECG or SpO2
 NIBP Pressure (systolic, mean and diastolic)
 Pulse Oximeter Pulse rate, Pulse waveform, and percent saturation
 Respiration Rate Respiration rate derived from ECG
 Trends HR, RR, NIBP, ST, TEMP, CO2 and SpO2

ECG

Standard Lead I, II, III, aVL, aVR, aVF, V
 Display Gain Scales 2.5, 5, 7, 10, 15, 20, 50mm/mV
 Sweep Speed 12mm/s, 25mm/s, 50mm/s
 ECG Signal Range $\pm 5\text{mV}$ (Vp-p)
 Standard Signal 1mV $\pm 5\%$
 Heart Rate Range 15 to 300bpm
 Accuracy $<100\text{bpm} \pm 1$; $>100\text{bpm} \pm 2\%$

Lead off condition Detected and displayed
 S-T detection YES
 Measurement range $-0.8\text{mV} - +0.8\text{mV}$
 Alarm YES, audible and visual alarm

Respiration

Technique Trans-thoracic impedance (RA-LL, RA-LA)
 Range 0-100 rpm
 Resolution 1 rpm
 Accuracy $\pm 2\text{rpm}$ or $\pm 2\%$

NIBP

Method Oscillometric
 Operation Modes Manual/AUTO/STAT
 Measurement Unit mmHg/kpa selectable
 Measurement Types Systolic, Diastolic, Mean

Measurement Range	Medium Animal	Small Animal
Systolic	30mmHg - 255mmHg	30mmHg - 135mmHg
Diastolic	15mmHg - 220mmHg	15mmHg - 110mmHg
Mean Arterial	20mmHg - 235mmHg	20mmHg - 125mmHg

Over-pressure protection YES
 Resolution 1mmHg

Temperature

Technique Resistance
 Channel 2 (T1 and T2)
 Scales 'F, or 'C
 Probes Resistive; recta and skin (reusable and disposable); YSI 400 Series types
 Range 0-60°C
 Revolution 0.1°C
 Accuracy $\pm 0.1^\circ\text{C}$

SpO2

Display Range 0 - 100%
 Accuracy 80% - 100%: ± 2
 70% - 79%: ± 3
 0% - 69% Unspecified
 Resolution 1%



Pulse Rate

Measurement Range 0 to 300bpm
 Resolution 1bpm
 Accuracy $\pm 2\text{bpm}$ or $\pm 2\%$

EtCO2 (Optional)

Measurement Mode Sidestream
 Display Range 0 - 150rpm
 Measurement Range 0 - 150rpm
 Accuracy 0 - 40mmHg, $\pm 2\text{mmHg}$
 41 - 70mmHg, $\pm 5\%$ of reading
 71 - 100mmHg, $\pm 8\%$ of reading
 101 - 150mmHg, $\pm 10\%$ of reading
 * NOTE: Gas temperature at 25°C
 Resolution 1mmHg

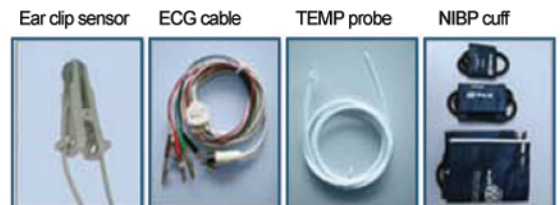
Standard Configurations

ECG/RESP, NIBP, SpO2
 TEMP, Built-in Battery

Optional Configurations

Dual-IBP, EtCO2, Thermal Recorder

Accessories



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