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# MMED6000DP SF-V

## Portable Multi-Parameter Veterinary Monitor

- \* 12.1" 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



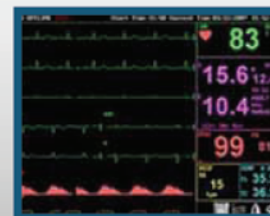
## User Friendly Design

- > 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 200mm x 240mm  
 Weight 4kg 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 12.1" colour active matrix TFT  
 Type 800 x 600  
 Resolution 800 x 600

#### 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 <100bpm  $\pm 1$ ; >100bpm  $\pm 2\%$

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

#### Respiration

Technique Trans-thoracic impedance (RA-LL, RA-LA)  
 Range 0-100 rpm  
 Resolution 1 rpm  
 Accuracy  $\pm 2$  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%:  $\pm 2$   
 70% - 79%:  $\pm 3$   
 0% - 69% Unspecified  
 Resolution 1%



#### Pulse Rate

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

#### EtCO2 (Optional)

Measurement Mode Sidestream  
 Display Range 0 - 150rpm  
 Measurement Range 0 - 150rpm  
 Accuracy 0 - 40mmHg,  $\pm 2$  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-NBP, EtCO2, Thermal Recorder

#### Accessories

Ear clip sensor ECG cable TEMP probe NIBP cuff



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