

# Biolight P12 Multi-Parameter Monitor

Biolight P12 multi-parameter monitor with EtCO<sub>2</sub> sidestream has Intelligent voice assistance, Suntech Vet NIBP technology and Nellcor SpO<sub>2</sub> technology.



### Intelligent Voice Assistance

- Assists to command the device to operate without touching the unit
- Reduce the risk in cross contamination
- Reduction in time to operate the machine, enabling quick diagnosis and treatment



### Intuitive multi-finger gestures

- Swipe up or down to adjust brightness or volume
- Swipe left or right to change the user interface



### Works with gloves when wet

- Reduction in cross contamination
- Time saving as no requirement to remove gloves

- Designed for veterinary use with animal- specific algorithm
- 12.1" LCD high-resolution 1280 x 800px monitor
- Capacitive touch screen
- Intelligent Voice assistance means you can operate the unit without touching it, reducing the risk of cross-contamination
- Auto-adjusting brightness based on ambient light
- Built-in recording module and thermal printer
- Multiple measuring functions deliver impressive reliability and performance
- Powerful data storage capability for trend data, alarms, NIBP measurements
- Convenient handle and built-in accessories box
- Nellcor SpO<sub>2</sub> technology ensures perfect motion resistance and low perfusion resistance performance
- Changeable screen layout with hand swipe gestures (swipe up or down to adjust brightness or volume)
- Suntech Vet NIBP technology provides faster, safer, and more accurate measurement
- BLT built-in EtCO<sub>2</sub> sidestream module

|                                   |   |
|-----------------------------------|---|
| <b>Display</b>                    | 12.1" TFT LCD   |
| <b>Resolution (pixels)</b>        | 1280 x 800  |
| <b>Weight (kg)</b>                | <5  |
| <b>Battery</b>                    | Rechargeable Li-ion Battery   |
| <b>Runtime</b>                    | 240 minutes   |
| <b>Parameters Supported</b>       | ECG, SpO <sub>2</sub> , NIBP, EtCO <sub>2</sub> , Dual Temp   |
| <b>Printer</b>                    | Thermal Dot Array   |
| <b>Recording Waveform</b>         | Maximum 3 tracks  |
| <b>Recording Speed</b>            | 12.5mm/s, 25mm/s, 50mm/s  |
| <b>Data Storage</b>               | Trend: 1800h (min resolution is 10min)<br>180h (min resolution is 1min)<br>6h (min resolution is 5s)<br>Parameter Alarm Event: 3000 events and associated waveform<br>ARR Event: 3000 groups and associated waveform<br>NIBP: 2400 groups<br>Holographic Waveform: 72 hours |
| <b>ECG</b>                        | 3/5/6/12 Lead   |
| <b>ECG (HR range – bpm)</b>       | 10 ~ 400 bpm  |
| <b>SpO<sub>2</sub> Range (%)</b>  | 0 ~ 100%  |
| <b>PI Range</b>                   | 0.05 ~ 20 %   |
| <b>NIBP Mode of Operation</b>     | Manual, Auto, STAT, Sequence  |
| <b>NIBP Range</b>                 | SYS 40 ~ 265mmHg<br>DIA 20 ~ 200mmHg<br>MEAN 27 ~ 222mmHg   |
| <b>EtCO<sub>2</sub> Range (%)</b> | 0 ~ 19.7% (0mmHg ~ 150mmHg)   |
| <b>Temp Range</b>                 | 0.0 ~ 50.0 °C   |

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|                                 | Biolight M9000A                              | Biolight M12                                 | Biolight S12                                 | Biolight P12                                 |
|---------------------------------|--|--|--|--|
| Screen Size                     | 12.1" TFT LCD                                | 12.1" TFT LCD                                | 12.1" TFT LCD                                | 12.1" TFT LCD                                |
| Screen Resolution (pixels)      | 800 x 600                                    | 1280 x 800                                   | 800 x 600                                    | 1280 x 800                                   |
| Touch Screen                    | X  | X  | ✓  | ✓  |
| Voice Assistance                | X  | X  | ✓  | ✓  |
| Battery                         | Li-ion Battery<br>240 minutes operating time | Li-ion Battery<br>240 minutes operating time | Li-ion Battery<br>240 minutes operating time | Li-ion Battery<br>240 minutes operating time |
| Intuitive multi-finger gestures | X  | X  | ✓  | ✓  |
| Auto Adjust Screen Brightness   | Manual                                       | ✓  | ✓  | ✓  |
| ECG                             | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          |
| SpO <sub>2</sub>                | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>NELLCOR™                                |
| NIBP                            | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>SunTech Medical                         |
| EtCO <sub>2</sub>               | Sidestream                                   | Sidestream                                   | Sidestream                                   | Sidestream                                   |
| Temp / Dual Temp                | Temp   | Dual Temp                                    | Dual Temp                                    | Dual Temp                                    |
| Thermal Recording Printer       | X  | X  | ✓  | ✓  |
| Code                            | 11-6130                                      | 11-6220                                      | 11-6225                                      | 11-6230                                      |

Founded in 1993, Biolight is an internationally established leading provider in Medical and Veterinary devices, Medical and Veterinary consumables, and healthcare solutions in over 135 countries. Biolight look beyond the technology to the experience of dedicated veterinary healthcare professionals and find inspirations from the requirements of its customers. That is why Biolight has continued to be considered as a global leading innovator in the areas of patient monitoring and emergency response.



|                   | Biolight M800                           | Biolight M850                                | Biolight M860                                | Biolight M880                                |
|-------------------|---|--|--|--|
| Screen Size       | 2.4"                                    | 4.3"   | 4.3"   | 4.3"   |
| Battery           | Battery Powered<br>Lasts up to 14 hours | Rechargeable Battery<br>Lasts up to 24 hours | Rechargeable Battery<br>Lasts up to 20 hours | Rechargeable Battery<br>Lasts up to 18 hours |
| SpO <sub>2</sub>  | ✓<br>BLT Technology                     | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          | ✓<br>BLT Technology                          |
| PR                | ✓                                       | ✓  | ✓  | ✓  |
| ECG               | X                                       | ✓  | X  | X  |
| RR                | X                                       | ✓  | X  | ✓  |
| NIBP              | X                                       | X  | ✓<br>BLT Technology                          | X  |
| EtCO <sub>2</sub> | X                                       | X  | X  | ✓  |
| Code              | 11-6135                                 | 11-6140                                      | 11-6150                                      | 11-6145                                      |

To see the full range and for more information visit:  
[www.jakmarketing.co.uk/biolight](http://www.jakmarketing.co.uk/biolight)