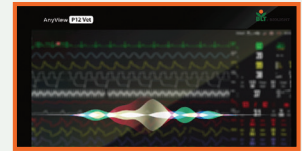


# Biolight S12 Multi-Parameter Monitor

Biolight S12 multi-parameter monitor has multiple measuring functions, delivering impressive reliability and performance. Featuring EtCO<sub>2</sub> sidestream, voice assist and a thermal printer.



### 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, capacitive touch screen
- Intelligent voice assistance allows you to operate the unit without touching, reducing the risk of cross-contamination
- Auto-adjusting brightness based on ambient light
- Powerful data storage capability for trend data, alarms and NIBP measurements
- Convenient handle and easy to operate
- Convenient built-in accessories box
- BLT SpO<sub>2</sub> technology ensures perfect performance with motion and low perfusion resistance
- Changeable screen layout with hand swipe gestures (swipe up or down to adjust brightness or volume)
- BLT Vet NIBP technology provides faster, safer, and more accurate measurement
- BLT built-in EtCO<sub>2</sub> sidestream module
- Built-in recording module and thermal printer

Display	12.1" TFT LCD
Resolution (pixels)	800 x 600
Weight (kg)	<4
Battery	Rechargeable Li-ion Battery
Runtime	240 minutes
Parameters Supported	ECG, SpO <sub>2</sub> , NIBP, EtCO <sub>2</sub> , Dual Temp
Printer	Thermal Dot Array
Recording Waveform	Maximum 3 tracks
Recording Speed	12.5mm/s, 25mm/s, 50mm/s
Data Storage	Trend: 180h (min resolution is 1min) 6h (min resolution is 5s) ARR Event: 3000 groups and associated waveform NIBP: 2400 groups Holographic Waveform: 72 hours
ECG	3/5/6 Lead
ECG (HR range – bpm)	10 ~ 400 bpm
SpO <sub>2</sub> Range (%)	0 ~ 100%
PI Range	0.05 ~ 20 %
NIBP Mode of Operation	Manual, Auto, STAT, Sequence
NIBP Range	SYS 30 ~ 270mmHg DIA 10 ~ 220mmHg MEAN 20 ~ 235mmHg
EtCO <sub>2</sub> Range (%)	0 ~ 19.7% (0mmHg ~ 150mmHg)
Temp Range	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 240 minutes operating time	Li-ion Battery 240 minutes operating time	Li-ion Battery 240 minutes operating time	Li-ion Battery 240 minutes operating time
Intuitive multi-finger gestures	X	X	✓	✓
Auto Adjust Screen Brightness	Manual	✓	✓	✓
ECG	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology
SpO <sub>2</sub>	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology	✓ NELLCOR™
NIBP	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology	✓ 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 Lasts up to 14 hours	Rechargeable Battery Lasts up to 24 hours	Rechargeable Battery Lasts up to 20 hours	Rechargeable Battery Lasts up to 18 hours
SpO <sub>2</sub>	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology	✓ BLT Technology
PR	✓	✓	✓	✓
ECG	X	✓	X	X
RR	X	✓	X	✓
NIBP	X	X	✓ 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)