

L506

PORTABLE PATIENT MONITOR

The DARAY **LifeSignZ™** L506 Portable Patient Monitor

Monitors ECG, respiratory rate, body temperature, NIBP, SpO2 and pulse rate

- Adult, paediatric and neonatal programs
- 7inch, colour, high-resolution TFT display
- Visual and audio alarms
- Portable stylish design
- Up to 7-lead ECG
- Built-in rechargeable battery
- Weighs only 4kg, with battery
- Wireless link to patient-monitoring station
- Defibrillator, pacemaker and electrosurgery compatible



0800 804 8384

- 12V DC supply option available, ideal for ambulance use
- Freeze mode
- User-defined audio/visual alarms
- Alarm event recall
- Stores patient ID, time and date
- Standard interface connections
- Optional TEMP 2
- Optional thermal printer
- Mobile base available soon

Features

- 7" high resolution TFT LCD display
- Built-in rechargeable battery
- 60 seconds ECG playback
- Digital SPO2, high capacity against interference of ESU, motion and low infusion
- Isolated against defibrillation effect
- Wireless or wired communication with central monitoring station

SPECIFICATIONS

Safety	IEC60601 (GB9706)
Dimensions (WxHxD)	256mm x 209mm x 185mm(D)
Weight	4 kg
Power supply	100-240V AC47- 63 Hz
Alarm indication	Visual and audible alarm

ECG

Leads	I, II, III, aVR, aVL, aVF, Cx
Gains	2.5, 5, 10, 20, 40mm/mV and auto
Input impedance	≥5MΩ
Common mode rejection ratio	≥85dB (diagnostic mode) ≥105dB (monitoring and surgical mode)
Bandwith	0.5-40Hz (monitoring mode) 0.05-120Hz (diagnostic mode) 1-25Hz (surgical mode)
Electrode disconnection detection	✓
Cardiogram playback	✓
Scanning speed	12.5mm/s, 25mm/s, 50mm/s
Heart rate range	10-300 BPM
Accuracy	±0 BPM

ABOUT DARAY

DARAY have been established in the medical, dental and veterinary markets since 1968 building exceptional and durable products.

We shall continue to innovate; aiming to excel in our endeavours to deliver reliable solutions.

DARAY[®]
HEALTHCARE PRODUCTS



FM98457

QAB-L506-2-0808

NIBP

Method	Automatic oscillometric
Operation modes	SINGLE (manual), CYCLE (automatic), RAPID (continuous)
Measurement	Systolic pressure/diastolic pressure/mean
Range	Adult: 10-270mmHg Pediatric: 10-235mmHg Neonatal: 10-135mmHg
Unit	mmHg / kPa selectable
Auto Measurement	Minutes: 1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90 Hours: 2, 4, 8, 12
600 groups of NIBP measuring data review	

RESP

Method	Impedance measurement
Measuring range	0-120 BPM (180 BPM max)
Alarm limit	0-120 BPM, upper and lower limit continuously adjustable
Apnea alarm	✓

BLI Digital SPO2 (Pulse Oximetry)

Range	0-100%
Accuracy	±2% (70-100%); ±3% (35- 69%) Unspecified (0-34%)
Resolution	1%

TEMP

Channel	2 channels
Range	0-50°C
Unit	Celsius, Fahrenheit
Resolution	1mmHg
Accuracy	±0.1°C: (25-50°C)

Pulse rate

Range	10-300 BPM
Accuracy	±1 BPM
Resolution	1 BPM

Environmental

Temperature	Operation 0-50°C Storage/ transportation: -40-70°C
Humidity	Operation: 10%-95%, noncondensing Storage/transportation: 0%-93% noncondensing
Atmospheric pressure	Operation: 700-1060hPa Storage/transportation: 500-1060h Pa