

DL900 Digital Holter Monitor

BioTelemetry^{inc}
TECHNOLOGY

Advanced Digital Holter Monitor

- Fully programmable, 3-channel high-fidelity recorder
 - Sample rate up to 1024 samples per second on all channels*
 - 8- and 10-bit resolution*

**excludes DL900 Base*

- Large LCD display
 - Visual confirmation of patient hookup
 - Provides on-demand ECG view of all channels
 - Confirms programming instructions before starting a recording
- Increased diagnostic yield, with extended recording time capability up to 7 days (depends on model)
- Supports both USB and removable memory card for data transfer
- Programmable pacemaker detection
- Single AAA battery operation
- Translated for 12 different languages
- Compact and discrete for patient comfort and privacy



The DL900 advanced digital Holter monitor provides high-resolution recordings as well as high sampling rate options suitable for both clinical and research applications. At less than 2 ounces, the new monitor is more compact and discrete than earlier models, yet it provides a large liquid crystal display (LCD).

The DL900 increases diagnostic yield by providing an extended recording time of several days or more for clinical research applications. DL900 Base is limited to 48 hour Duration, up to 256 Sample Rate and a One (1) year warranty.

A newly designed custom analog IC for signal acquisition is the technology platform for the advanced capabilities of the DL900.

The device combines high speed USB transfer capability with the ability to use a removable memory card. The device also has programmable pacemaker detection capability, providing the clinician with additional data.

The DL900's advanced technology platform will support the development of a variety of OEM capabilities, including multi-parameter recording and data storage of physiological signals, such as ambulatory blood pressure and oxygen saturation levels.

Product Specifications

Functional

Channels 3-channel recording
Resolution 8- to 10-bit sampling
Recording Full disclosure
Data transfer Removable SD flash or USB
Sample rate 128–1024 samples per second
Frequency response 0.05 Hz to 60 Hz @ -3dB
ECG signal verification LCD
Pacemaker detection Programmable on/off

Memory

Recording time Up to 168 hours
Type SD flash
Capacity Up to 1.0G

Physical

Dimensions 2.4" x 2.4" x .67"
(60.95 mm x 60.95mm x 17.02 mm)
Weight with batteries 2 oz (56 grams)
Enclosure Molded plastic/water-resistant
Operating position Any orientation

Electrical

Gain settings5x, 1x and 2x
Connector 20 contact edge card
Patient cable 5-lead (optional 7-lead)

Environmental

Operating temperature 0° C (32° F) to 45° C (113° F)
Non-operating temperature -20° C (-4° F) to 65° C (149° F)
Operating humidity 10% to 95% (non-condensing)
Non-operating humidity 5% to 95% (non-condensing)

Battery

Type (1) AAA alkaline IEC-LR3
Life Up to 96 hours (4 days)
Type (1) AAA lithium L92-FR03
Life Up to 168 hours (7 days)

Warranty

Life Two (2) years



5-lead / 3-channel



7-lead / 3-channel

Made in USA
Specifications subject to change without notice

Manufactured by: Braemar MFG, LLC, a BioTelemetry company

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