

# medilog™ AR4

DIGITAL HOLTER RECORDER

## Get up to speed

Combining innovative analysis and technological advances, the MedilogAR4 defines a new standard in Holter recording. With the fastest sampling rate, the highest recording quality and ground-breaking detection techniques – it's time to get up to speed.



**Fast** ECG Download

**Faster** Hook-Up

**Fastest** Sampling Rate

medilog™

# Specification

Dimensions		Unit
Width	70	mm
Height	96	mm
Depth	22	mm
Weight (without batteries)	75	g

Pacemaker detection		Unit
Time resolution of pacemaker detection	min 244	µs

ECG		Unit
Number of electrodes	3, 5 or 7	-
Number of channels	3	-
Sampling rate – Channel 1	4096	Hz
Sampling rate – Channels 2 and 3	256	Hz
Storage rate – Channels 1 -3	max. 256 (programmable)	Hz
Resolution	12 (16 intern)	Bits

Electronic		Unit
Supply voltage	2 x 1.5V AA batteries	V
Operating duration	5	days

Storage	Minimum	Maximum	Unit
Ambient temperature	-20	70	°C
Humidity (non-condensing)	0	95	%RH

Operation	Minimum	Maximum	Unit
Ambient temperature	0	60	°C
Humidity (non-condensing)	10	95	%RH

## Fast ECG Download

The MedilogAR4 records ECG onto a robust, removable compact flash card. Data is transferred to the Medilog Holter analysis system faster than other recorders to save you time.

## Faster Hook-Up

The MedilogAR4 Holter recorder is available with 3, 5 or 7 leads. Combined with the handy Palm™ handheld controls the ECG quality can be viewed and patient demographic information transferred to the MedilogAR4 via a wireless infrared connection.

## Fastest Sampling Rate

The MedilogAR4 Holter recorder samples faster - over 4096 samples per second. High sampling rates and high resolutions ensure that the best quality ECG is recorded.

The MedilogAR4 helps to ensure a highly detailed view of pacemaker activity. The detection is performed digitally which provides more flexibility to detect both unipolar and bipolar pacemaker spikes.

The MedilogAR4 is easy to learn, easy to use and easy to maintain. This compact, lightweight recorder has been designed to improve patient comfort and compliance for long-term ambulatory monitoring.

The MedilogAR4 is fully compatible with Medilog Darwin, Medilog Excel-3 and Medilog Prima-3 analysis software



This product complies with the EN 60601-1 safety standard. The CE mark indicates that it meets the essential requirements of European Council Directive 93/42/EEC of 14 June 1993 concerning medical devices. Huntleigh Healthcare operates a quality system certified to ISO 9001:2000, ISO 13485:2003, and the TickIT Guide Issue 5. Medilog is a registered trademark of Huntleigh Healthcare. Palm™ is a registered trademark of Palm Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. For the USA the following applies: CAUTION: Federal law restricts this device to sale by or on the order of a physician.

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