



# Aria<sup>®</sup>

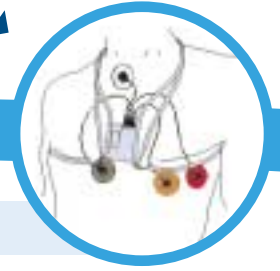
DIGITAL HOLTER RECORDER



Actual Size

- Small & lightweight (less than 3 oz.)
- Only 4 electrodes for 3 ECG channels
- Pacemaker option
- Up to 48 hours without data compression on a single AA battery

Discreet carrying pouch, short cables and only 4 electrodes result in greater comfort and less artefact



## Aria

The Aria recorder is state-of-the-art Holter monitoring made simple. No larger than a typical pager, it uses four leads to record three channels of patient data. Worn under the shirt in a chest pouch or clipped to the patient's belt, Aria monitors can record up to 48 hours of full-fidelity ECG data without data compression. Once recording is complete, Aria interfaces with Impresario® Solo, Symphony and Model 363 & 563 scanners via Universal Serial Bus (USB) to download the ECG.

The Aria can also be configured with optional pacemaker detection. The exact timing of the pacing pulses are visible to the operator during the analysis. With this option Aria records either 3 channels of ECG or 2 channels with pacing. Aria has an extremely sensitive pacemaker detection circuit with excellent noise rejection that operates continuously with performance better than 10,000Hz sampled pacemaker detection methods.

Recordings made at remote offices can be sent to the analysis centre electronically using the Wide Area Holter Network or by mail on CD-ROM.

## Additional Features

- Interfaces with Palm® Preview™ device to confirm lead amplitude and quality
- Stores recordings to CD-ROM at remote locations - mail in CD for analysis
- Option to transmit ECGs electronically to analysis site
- Small, lightweight (less than 3 oz including battery)
- Only 4 electrodes for 3 ECG channels
- Pacemaker detection option
- Up to 48 hours of recording without data compression
- Patient event button with audible tone
- LED for start time confirmation
- Compatible with rechargeable (NiMH) battery
- Lithium back-up battery

### Ordering Options

- **Aria** recorder with **short-lead** configuration for chest pouch wear (27384) - plus **pacemaker detection** (27384 -503)
- **Aria** recorder with **long-lead** configuration for belt wear (27385) with **pacemaker detection** (27385-503)
- **USB** download cable (27311)

## Specifications

<b>Dimensions</b>	76 x 56 x 18 mm (3.0 x 2.2 x 0.7 inches)	<b>Amplitude Resolution</b>	20 microvolt (0.02 mV)
<b>Weight (with battery)</b>	76 g (2.7 oz)	<b>Sampling Rate</b>	128 samples per second
<b>Power Supply</b>	One AA or rechargeable battery (NiMH)	<b>Frequency Response</b>	0.05 Hz to 40 Hz
<b>Memory</b>	64 MB on-board flash memory (non-volatile)	<b>Pacemaker Pulse Detection</b>	Channels 1 and 3
<b>Procedure options</b>	4 electrode 3 channels 48 hours or 4 electrode 2 channels plus pacemaker detection	<b>Pacemaker Pulse Sensitivity</b>	2 mV
<b>Data compression</b>	None	<b>Calibration</b>	Automatic
<b>Dynamic Range</b>	5mV	<b>Signal to Noise Ratio</b>	50 dB
		<b>Common Mode Rejection</b>	60 dB
		<b>Input impedance</b>	2 Mohm
		<b>Temperature</b>	Operating: 0° to +45°C Storage: -20° to +85°C

[www.delmarReynolds.com](http://www.delmarReynolds.com)



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Holter Monitoring