



Service Bulletin for CASMED 740 and 750 Monitors

Distribution: Internal
Domestic
International

Date: May 27, 2009	Ref: Battery Performance	Bulletin# 09-11	Page: 1 of 2
Applicable Models: All Model 740 and 750 Monitors			

The Issue

It has come to our attention CASMED Model 740 and 750 monitors can be charged at different intervals. As a result of different charging methods batteries have failed prematurely and required replacement. If properly maintained the battery is scheduled for replacement every two years.

The Solution

This bulletin is to serve as a reminder, proper battery maintenance requires the monitor to be plugged into AC power (even when not in use) to maintain a fully charged battery.

Listed below are some "Helpful Hints" about NiMH battery technology and expectations of the battery pack when used in the monitors.

SIGN-OFF

TECHNICAL SUPPORT:

DATE:

5/29/09

SERVICE MANAGER:

DATE:

5/27/09

MARKETING:

DATE:

8/27/09

REGULATORY:

DATE:

5/22/09

Battery Information and Performance

The battery pack has a one (1) year warranty.

CASMED recommends the battery pack be replaced every two (2) years.

Install the battery pack into the monitor and charge fully (at least 4 hours) prior to first use.

The CASMED 740 monitor when fully charged is capable of taking 100 NIBP readings when the monitor is set in the 5-minute Automatic Mode. The monitor will operate on a completely charged battery for 4 hours depending on the use of the NIBP function. The charge time for the Model 740 is 4 hours.

The CASMED 750 monitor will operate on a completely charged battery for 3 to 5 hours depending on its configuration and the use of the NIBP function. The charge time for the Model 750 is between 3 to 5 hours.

Helpful Hints

Through our experience at CASMED, we have noticed with batteries that are greater than approximately one and one half years old start to lose their capacity. The monitor does not operate on battery power for as long as it used to.

Do not disassemble the battery pack or batteries. The batteries contain electrolytes, which can cause injury to eyes, skin and clothing.

At room temperature NiMH batteries if left alone for prolonged periods of time (30 – 60 days) will self discharge and should be recharged before using them.

Batteries not charged and left in storage for more than six (6) months could degrade and not recharge to their full capacity.

NiMH has no memory effect that is typically found in NiCd batteries. This allows you to charge them anytime you wish, regardless if the batteries are fully drained or not.

Avoid exposing the battery to moisture, extreme heat or cold.