Bed-Check® Monitoring Systems

AN INTEGRAL PART OF FALL REDUCTION PROGRAMS

Reducing the Risk of Falls Through Innovative Technology Since 1978
An Effective Fall Reduction Program

Wouldn’t it be nice if every one of your patients or residents could have a personal caregiver present 24 hours a day, seven days a week? That’s just not possible. However, constant electronic fall risk monitoring is not only possible, but quite discreet and effective when included as part of an overall Fall Reduction Program.

Why is constant fall risk monitoring so important?

When people know the limits of their abilities, there is low risk. All too frequently, however, they wish to be independent and attempt movement without assistance – risking a fall in the process.

Which patients/residents are at risk of falling?

• Advanced age
• Injuries
• On medication
• Acute illness
• Chronic disease
• Surgery recovery
• Combinations increase risk

What are the common causes of falls?

• Dizziness
• Confusion
• Weakness
• Impaired judgement
• Unsteady gait
• Some or all of the above

Fall Reduction Programs incorporating Bed-Check® Systems enhance dignity for the patient/resident and reduce risk for the caregiver.

1. Establishes procedures for patient/resident assessment.
2. Identifies fall risk patients/residents.
3. Establishes protocol for the use of monitoring systems.
4. Educates staff members on system usage.
5. Measures effectiveness of the program.
6. Helps to achieve compliance with state and federal guidelines for restraint free facilities.

In a case study:

- Restraint usage reduced 37%
- Unassisted (no caregiver present) falls reduced 38%
Choose the system that is right for your application.

Experience
Fall and restraint reduction monitoring systems have been our main focus since we pioneered the concept in 1978.

System design
A system consists of a Control Unit and a pressure sensitive mat (Sensormat®), designed to work together as a monitoring system. Systems are designed for easy caregiver use, but for minimal patient awareness and accessibility. We do not condone mixing system components of different manufacturers.

Durable and unobtrusive mat design
Bed-Check® Sensormats® are heat sealed, which prevents delamination from incontinence or cleaning agents. (Adhesive sealed mats have a shorter life.) Sensormats® are very thin, making them hardly noticeable to the patient and much easier to store. Their narrow width provides an earlier warning of impending exit.

Where is your patient/resident?
An unattended fall risk patient should be in bed, in a chair or wheelchair, or on a toilet. Bed-Check® has monitoring systems for all of these, with four Control Units to meet varying facility needs: Two portable battery powered, and two AC powered.

We meet standards
ETL certified to meet UL® 1069 and CSA 22.2 No. 205R. Our business procedures meet FDA requirements.

Durability
We know your equipment takes a beating. Part of ETL’s testing requires a 4’ drop, 100 times, on concrete, and still function. All our Control Units meet this standard!

100% testing
Fall risks are a safety issue, and reliability is imperative. Every Control Unit is tested before shipment. Every last one.

2 year warranty on new Control Units
We have units still on the job after 15-20 years.

Personal help
Healthcare professionals in our distribution network throughout the US and Canada will give you personal attention and in-servicing. (You get more than a box of product and a videotape or instruction sheet.)

Tech support
24/7 technical support is just an 800 number away.

Repair service
By a factory technician. Ninety day warranty.

Data reporting
Our Model Vr system can provide data on the last 24 alarms.

No on-off switch
Automatic monitoring on all our systems means no switch to remember. JCAHO frowns on on-off switches.

Many alarm tones
Up to ten tones, including tunes, available in one Control Unit. Easily distinguishable from other equipment. JCAHO likes that concept.

Programmable timing
Three systems offer user settable delay and/or hold timing.

Nurse call system compatibility
Two AC powered Control Units are compatible with virtually every known call system.

Mounting choices
Velcro® strap, clip, holster, integral hanger, Velcro® backing.

Trials available
Find out how Bed-Check® durability and reliability will work for you. Most who try, buy.

Made in the USA!
**The Model Vr System**

**Primary applications: Beds and bedside chairs (AC powered)**

A good fall reduction program includes procedures not only to alert caregivers of an impending fall, but ways to learn the behavior patterns of fall risk residents. The Model Vr, in addition to alarming both audibly and through the nurse call system, keeps a running record of the last 24 alarms by time and date, including response times. With this information, the caregiver is able to proactively manage fall risk individuals and minimize their need to get up unassisted.

**Excellent management tool** – Retrieval record of the last 24 alarms, staff response times, last unit service date, total time in service, patient/resident i.d., and more. (PC download.)

**Easily distinguished from other alarms:**

**Seven settable alarm tones** – Choose one distinctly different from nearby equipment. One is music - less upsetting to an easily agitated individual.

**For Hospital and LTC** – Utilizes an IT (Intermediate Term) or LT (Long Term) Sensormat®.

“Just right” volume – Nine settings, 0-85db. Set the volume to suit the distance from patient/resident to caregiver.

**Nurse Call Capability** – Connect to virtually any known nurse call system (meets UL® 1069). One version comes with a port for the nurse call button. The other, without that port, requires a “Y” adaptor to share a call system wall port with the call button.

**Pull out protection** – While monitoring, the System will alarm if the nurse call cord, Sensormat® cord, or power cord is disconnected from the Control Unit.

**Servicing the patient/resident** – Put the System on hold for 25 seconds while servicing or removing the patient. Resumption of monitoring is automatic.

**Optimize alarm delay for your patient/resident** – Settable for 1-9 seconds. Longer for restless patients (reducing “false” alarms), and shorter for fast exiting patients.

**Static protection** – Designed and tested to withstand high environmental static voltage commonly encountered in healthcare surroundings (>16kV).

**Settings remembered** – No resetting after power interruption. Settings are retained without a battery backup.

**Mounting choices** – Velcro® mounting strap, or optional wire holster for hanging or wall mounting.
The Classic-Check® System

**Primary applications: Beds and bedside chairs (AC powered)**

Through thirty years of designing and manufacturing fall and restraint reduction monitoring systems, Bed-Check® has learned what caregivers want most: simplicity, versatility, and reliability. Classic-Check® has classic features for monitoring fall risk patients and residents:

**Day/Night Mode** – Volume is pre-programmable to different volumes for Day and Night. Press one button to change modes.

**Night Light** – Soft, blue light within the splash guard (when in Night Mode).

**Easily distinguished from other alarms:**

**Ten programmable alarm tones** – Six are tunes, which may be more suitable for easily agitated patients.

**Nurse Call Capability** – Connect to virtually any known nurse call system (meets UL® 1069). One version comes with a port for the nurse call button. The other, without that port, requires a “Y” adaptor to share a call system wall port with the call button.

**For Hospital and LTC** – Utilizes an IT (Intermediate Term) or LT (Long Term) Sensormat®.

---

“**Just right**” volume – Seven settings, 63-85db, to suit the distance from patient/resident to caregiver, and separately settable for Day and Night Modes.

**Servicing the patient/resident** – Put the System on hold for 25 seconds while servicing or removing the patient. Resumption of monitoring is automatic.

**Set delay to suit your patient/resident** – Settable for 1-3 seconds. Longer for restless individuals (reducing “false” alarms), and shorter for fast exiting patients.

**Mounting choices** – Velcro® mounting strap, or optional wire holster for headboard or wall mounting.

**Static protection** – Designed/tested to withstand high environmental static voltage commonly encountered in healthcare surroundings (>22kV).

**Integral cords** – Integral 10’ power and nurse call system cords. (Also available without nurse call cord.)
The Chair-Check® System

Primary applications: Chair, wheelchair or toilet (Battery powered, portable unit)

Allow your fall risk individuals the freedom of sitting without personal supervision or restraints, while you maintain constant monitoring with the Chair-Check® System: a Chair-Check® II Control Unit and a pressure sensitive Sensormat® designed for chair use. When the Chair-Check® System alarms, an audible signal sounds to alert your staff.

Portability – Uses a common 9V alkaline battery. Low battery alert.

Reduce battery changes – A rechargeable battery is available, as is a battery charger/AC adaptor.

Multiple applications – May also monitor a bed or toilet. Functions with any Sensormat®.

Easily distinguishable alarm - Four settable alarm tones, one with lower volume.

Simple one button control – Press Reset to put the unit on Hold or to silence an alarm.

Multiple delay settings – 0-5 seconds. Zero, or instant, is best for seated monitoring, because the individual is postured for quick stand up. Longer delay may be set, particularly for bed applications.

Reduced caregiver intervention - The alarm automatically ceases and monitoring resumes instantly when/if the individual sits back down.

Bathroom privacy – By using a Potty-Check® Sensormat®, the patient/resident can be monitored while seated on the toilet, allowing the caregiver to stand outside the door. The Potty-Check® is adhered to the underside of the seat ring.

Mounting choices – Integral stainless steel clip, or optional wire holster for hanging or wall mounting.
The Basic-Check® System

Primary applications: Chair, wheelchair or toilet (Battery powered, portable unit)

Basic-Check® is our most economical Control Unit. It has the same reliability, quality, and warranty as our other monitors, but has been designed with simplicity in mind. Weight on the Sensormat®, Basic-Check® monitors. Weight off the Sensormat®, Basic-Check® alarms. Push the Reset button to put the unit on Hold until weight is back on the Sensormat®.

For all applications – Basic-Check® is fully compatible with all Sensormats® for chair, wheelchair, toilet or bed.

Portability – Uses a common 9V alkaline battery. Low battery alert.

Simple one button control – Press Reset to silence alarm and put the unit on hold.

Automatic monitoring (no on-off switch) – Monitoring begins immediately when weight is sensed on the Sensormat®.

Instant alarm – Because Basic-Check® is primarily intended for seated applications where the individual is postured for quick standup, the permanent delay setting is zero (instant).

Privacy in the bathroom – The small size makes it ideal for use with a Potty-Check® Sensormat® under the seat ring. This reduces embarrassment for the patient/resident and caregiver.

Mounting choices – Integral hanger and Velcro® strip included.

Bed-Check® System Components

<table>
<thead>
<tr>
<th>Bed Systems*</th>
<th>Chair Systems*</th>
<th>Toilet Seat Systems*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Control Units</strong></td>
<td><strong>Description</strong></td>
<td><strong>Model #</strong></td>
</tr>
<tr>
<td>Model Vr w/Accessory Port</td>
<td>72031</td>
<td>Chair-Check® II</td>
</tr>
<tr>
<td>Model Vr w/o Accessory Port</td>
<td>72020</td>
<td>Basic-Check®</td>
</tr>
<tr>
<td>Classic-Check® w/Accessory Port</td>
<td>72021</td>
<td></td>
</tr>
<tr>
<td>Classic-Check® w/o Accessory Port</td>
<td>72020</td>
<td></td>
</tr>
<tr>
<td>Chair-Check® II</td>
<td>72010</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Sensormats</strong></th>
<th><strong>Description</strong></th>
<th><strong>Model #</strong></th>
<th><strong>Description</strong></th>
<th><strong>Model #</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IT</strong> (30 Day Warranty)</td>
<td>5.5' cord</td>
<td>74000</td>
<td>4' cord</td>
<td>73000</td>
</tr>
<tr>
<td></td>
<td>8' cord</td>
<td>74010</td>
<td>8' cord</td>
<td>73010</td>
</tr>
<tr>
<td><strong>LT</strong> (90 Day Warranty)</td>
<td>5.5' cord</td>
<td>74001</td>
<td>4' cord</td>
<td>73001</td>
</tr>
<tr>
<td></td>
<td>8' cord</td>
<td>74011</td>
<td>8' cord</td>
<td>73011</td>
</tr>
</tbody>
</table>

*Customary product use only. Any Bed-Check® Control Unit may be used with any Sensormat® and at any location.
## Accessories

1. **Rechargeable battery, charging system and AC adaptor** for Chair-Check® II Units
2. **Wristbands**
3. **Magnets**
4. **Stickers** (1/2” , 2 1/2” dia.)
   - Easy identification of patients using Bed-Check® Systems.
5. **Control Unit wire holster** (patented)
   - Increases service life of the Control Unit, assists in organization of cords, and permits more staff-friendly headboard/wall mounting of Control Unit.
   - Model Vr and Chair-Check® II Holsters are available with 1” or 2” depth hangers.
   - Classic-Check® Holsters have a 2” hanger.
6. **Control Unit transmitters**
   - Signals up to 150 feet with LINK-Check™ and Arial® wireless communication systems.
   - Available for Model Vr and Classic-Check®.
7. **Seat belt alarm**
   - Designed to fit most wheelchairs, a Control Unit alarms when the buckle is undone.
   - Adjustable strap from 18”-48”.

**Bed-Check® Sensormats®**
- (Single patient use, disposable)
- (See inside back for model numbers)
8. **IT Bed Sensormat®** (30 day warranty)
9. **LT Bed Sensormat®** (90 day warranty)
10. **IT Chair Sensormat®** (30 day warranty)
11. **LT Chair Sensormat®** (90 day warranty)
12. **Potty-Check® Sensormats®**