

Bedsore Free Device Being Operated Automatically

The **Bedsore Free Device** not only allows the capability to change the sheets, clean the patient and dress the patient while the patient remains in the bed, but also the patient can be turned automatically, as a doctor would recommend to prevent bedsores.

After a request to find a way to move patients automatically, the research department jumped on the project with both feet a running.

Many problems had to be overcome.

First, the **Bedsore Free Device** has 5 chambers that must be inflated and deflated for the correct operation of the device. This means that there has to be 10 separate solenoids controlling 10 separate valves to accomplish this task.

Next, there has to be a way to deliver air pressure and vacuum independently as to inflate and deflate separate chambers at the same time. This problem had to be resolved by 2 separate compressors, one to deliver pressure and the other to deliver vacuum or find a compressor that could do both actions, even if the vacuum or pressure side was blocked in.

Next, the automatic device would probably be in a low noise area, so there had to be a way to lower the decibels (noise) of the compressor(s).

Next, we had to find a way to control the solenoid valves that were being used. Since there was going to be 10 solenoids and 1 to 2 compressors that needed to be turned on and off at different times, then one eight relay control board would not do. We were going to need two 8 relay boards or one 16 relay board.

Next, software had to be found or developed that could control the relay boards that turn on and off the compressor(s) and solenoid valves that supplied the pressure and vacuum to the 5 different chambers.

Now all was needed was to find something to put all this equipment in where it can be portable.

Nothing to it.

That is, nothing except a few months research time and thousands of dollars on projects that didn't work.

So what are you waiting for?

Do you want to automate your **Bedsore Free Device**? You are going to need a computer with 2 available comports. If you already have that, you are ready to reserve yours today. If not, let us know what you need. We can provide it.

Call or E-mail and reserve one for yourself today. The backlog of manufacturing of the device is getting longer as more people find out. You will be contacted when one is available for you, then and only then will you need to provide payment, before it is shipped to you. The average waiting period for a device to be shipped runs from 1 to 8 weeks, depending on the demand when ordered.

The sooner you reserve a **Bedsore Free Device** that has the capability to operate automatically, the sooner you will be using it.