

EMFIT[®]

Emfit Epileptic Tonic-Clonic
Seizure Monitor



Emfit's Epileptic Tonic-Clonic Seizure Monitor is designed for monitoring and detecting seizures with muscle jerking of a sleeping person with epilepsy. Patented sensor technology detects when a person has continued abnormal movements over a pre-set amount of time, and triggers a notification. It can also give notification when a person leaves the bed and there are no more micro-movements, such as those caused by a person's breathing or heart beating. This can be especially useful for those who have a tendency to wander.

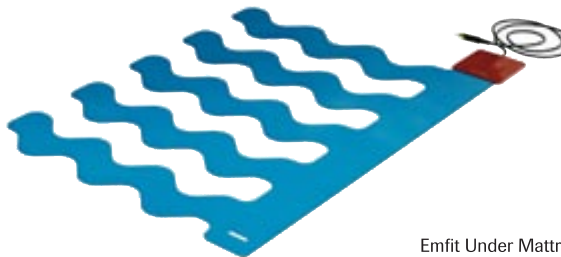
The Seizure Monitor consists of a film-like bed sensor and a control unit. The dynamic sensor pad is placed under the mattress and detects even the slightest movements of the person lying above it, including micro-movements caused by breathing and heart beating. The sensor is attached to the monitor unit with an interconnection cable. When a person has faster and longer continued movements than pre-set thresholds, the notification is triggered. System can also notice light movements, thus making it equally suitable for small children.

For short-distance notifications the Monitor has a sound alarm with adjustable volume. It can also interface with other systems with the included dry-contact output. The monitor can be placed next to the bed or mounted on the wall using the included fastening bracket.

Operates with 2 pcs 1.5 V AA size alkaline batteries. In the summer 2008 released 2nd generation monitor is now operated with 2 pcs AA size 1,5 V batteries. An optional, medical grade AC adapter is also available.



Emfit Epileptic Tonic-Clonic Seizure Monitor D-1090-2G



Emfit Under Mattress Bed Sensor L-4060SL