

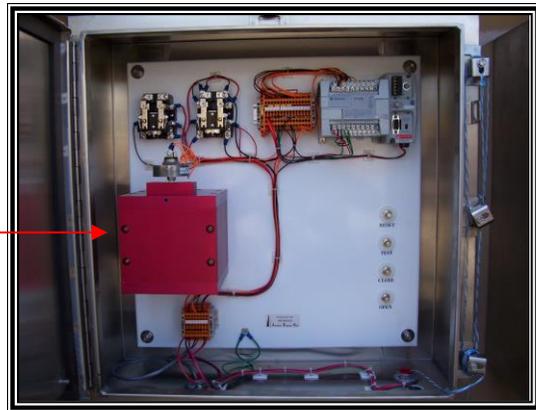
# T6 SEISMIC INSTRUMENT



## Benefits

- Provides valve shut down at remote liquid tanks when seismic activity occurs either from earthquake or man made activity when combined with the VL80 controller system.
- Is adjustable to customer requirements
- Minimum training required
- Easily installed
- Durable and can be mounted at any angle

T6 Seismic Instrument



## Operation

The T6 is an instrument utilizing a three axis platform designed to measure the amount of force (G force) a particular structure is exposed to. By utilizing axis X Y and Z, the device can monitor remote activities as they pertain to the structures on site. If an activity reaches the threshold needed it will activate the VL80 and perform the shut down, thereby saving the contained liquid.

The total energy a structure absorbs is broken down into two categories:

1. Acceleration energy transferred to the structure as a result of acceleration
2. Kinetic energy transferred to the structure as it is abruptly stopped and then is reversed in direction.

The T6 is designed to measure motion and performs well as a seismic instrument to measure both forces as a sum.

The objective of an appropriate earth quake-sensing instrument is to measure the amount of force (energy) a particular structure is exposed to. When the force reaches a predetermined level the instrument sets in motion specific emergency procedures. It is imperative that the accuracy and repeatability are maintained regardless of the magnitude or direction of force.

# T6 SEISMIC INSTRUMENT



## Features/Specifications

- Dimensions 6" W x 6" D x 9" H
- Weight 12 pounds
- Design Aluminum 3/4" 6061 custom cut
- Triggering 0.3 g-force in a time span of 1.0 second or as Specified by the purchaser
- Field verification of operation
- Automatically resets
- Self cleaning internal components
- Life cycle 1,000,000 cycle life duration
- Power 24v DC
- Housing/Containment NEMA 4 or JIC 12 enclosure mounted on platform or tank
- Meets AWWA standards and Seismic Protection for Water System as specified by the Ad Hoc committee for Southern California water districts.

## Configuration

