

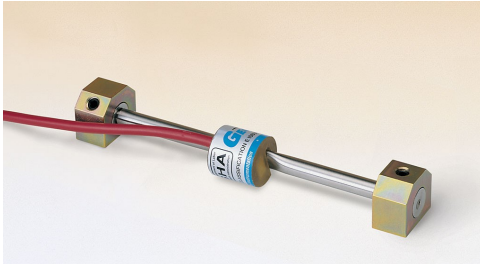
EMD4000 (Electronic Monitoring Device)

Multiple notification alerts and flexible application

The EMD4000 has been developed in collaboration with leading names in the structural steel industry and strain and load gauge manufacturing.

Standard features include:

- Programmable alert points
 - Set each device for multiple load values
 - Sensitive to rate of change – added visibility during a storm
- Mounts directly to the bar or angle steel in bar joists
 - Bottom cord at mid span
 - First diagonal or web member
- Easily installed in the field
- Automatic operation
- Long service life



EMD shown with Plucking coil attached

Specifications

Standard Range	3000 $\mu\epsilon$
Resolution	1.0 $\mu\epsilon$
Accuracy ¹	$\pm 0.5\%$ F.S.
Nonlinearity	$< 0.5\%$ F.S.
Temperature Range	-20°C to +80°C
Active Gage Length ²	150 mm

CE

The EMD4000 is a vibrating wire device – mounted directly to the bottom cord or first diagonal in a web joist. This device is ideally suited for monitoring changing load conditions next to parapets or at local load intensifiers like internal drains and large RTU's

