

Applications

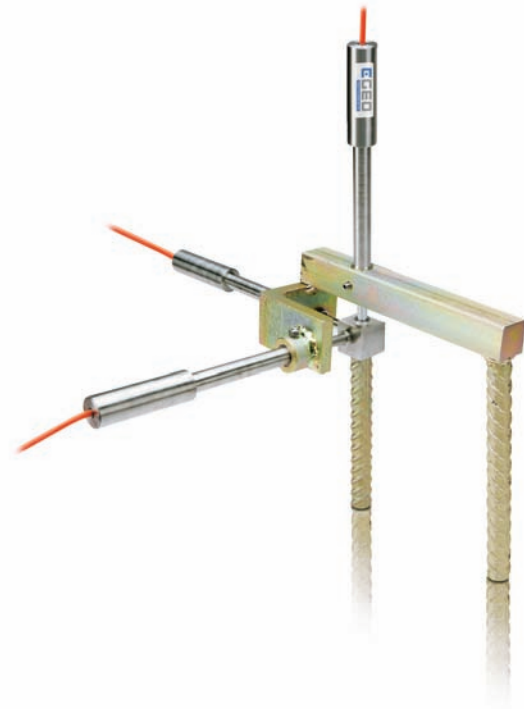
The Model CGEO-CR Vibrating Wire Crackmeter measures across surface cracks and joints in buildings, bridges, dams, pipelines and similar structures. The inner thermometer can also measure the temperature of the setting space, and the inner global universal joint allows some displacement. It can measure both the opening and closing of cracks or joints.

Description

The Model CGEO-CR Vibrating Wire Crackmeter consists of a vibrating wire in series with a tension spring, which is made from high quality Stainless Steel and designed for long-term, reliable monitoring.

The frequency and thermo-resistance are spread by special 4-core Shielded Cable without the influence of the length of the cable. It's suit to embed the instrument in the atrocious environment to measure the crack for a long time.

A change in distance between the anchors, by the crack opening or closing, will cause the connecting rod to move within the transducer body, changing the tension on the spring and thus altering the resonant frequency of the wire.



Key Features

- ◆ Accurate, long-term stability
- ◆ Long working life, long-term stability and reliability
- ◆ Suitable for manual or remote monitoring
- ◆ Waterproof
- ◆ Integral thermistor



Comprehensive information about this product and our full range is available at www.cgeo-instruments.com
If you would prefer to speak with someone directly, please call +852 2206 0092 or email info@cgeo-instruments.com