

TECHNICAL FEATURES

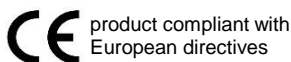
- ✓ Type of sensor: vibrating wire;
- ✓ Resolution: +/- 0.025% F.S.;
- ✓ Accuracy: +/- 0.1% F.S.;
- ✓ Output signal: Hz;
- ✓ Operating temperature: -20° C + 80° C;
- ✓ Material: AISI 304 stainless steel;
- ✓ Protection level: IP 67



Three-dimensional crack monitoring



Crack meter sizes



The vibrating wire crack meter is used to continuously measure the evolution of structural joints, fissures and joints in concrete structures.

The instrument consists of a cylindrical body that houses the vibrating wire displacement transducer connected to a sliding rod, which translates the movements of the fissure monitored (either widening or narrowing) into the transducer's change of resonance frequency.

The two ends of the sensor are

anchored with plugs across the fissure.

It may have different measuring ranges according to the application.

To assess the three dimensional movement of the fissure, the crack meter can be installed in the three main directions. (x-y-z).

DIMENSIONS				
measuring range (mm)	25	50	100	150
compressed length (mm)	225	275	325	375
extended length (mm)	280	325	430	480
body diameter (mm)	11			
head diameter (mm)	5			
material	AISI 304 S/S			
weight (g)	80	90	170	255

We reserve the right to carry out modifications to our products and their specifications without prior notice