

3D Vibrating Wire Crack Meter

Description

RST's 3D vibrating wire crack meter is a sophisticated instrument used for monitoring and measuring cracks in structures or geotechnical features. It's designed to provide precise and reliable data on the width and displacement of cracks in three orthogonal directions (vertical, horizontal, and lateral), allowing for comprehensive analysis of crack behavior and structural integrity.

To obtain measurements, the crack meter is installed across the crack by securely anchoring it to both sides. The sensor utilizes the principle vibrating wire technology.

VIBRATING WIRE SENSOR SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Range	25, 50, 100, 150, 200 mm
Accuracy	0.1% F.S.
Thermistor Type	NTC 3K Ohms @ 25°C

CABLE SPECS - FOR VIBRATING WIRE OR ELECTRICAL CRACK METERS

PART #	DESCRIPTION
EL380004	Two twisted pair cable with polyurethane jacket.
EL360008	Four twisted pair cable with polyurethane jacket. (For use with Junction Box arrangement)

SPECIFICATIONS