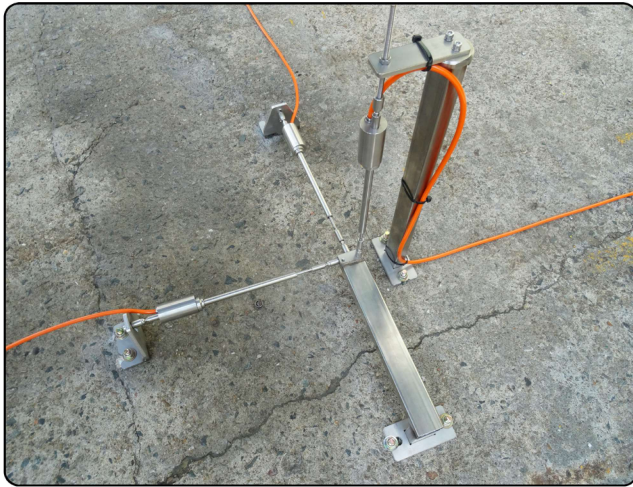


VW 3D jointmeters



Description

VW 3D jointmeters are designed with 3D mount system. This 3D mount system is composed with sensor bracket, reference mount bracket, and anchor bolts. Also, this system is designed to endure sea water up to 250m under in case applying stainless steel. Signal cable also applied polyurethane. The ranges of 3D jointmeters are 50, 100, 150, and 200mm.

Applications

VW 3D jointmeter is useful to measure from concrete joint or crack of structures. Also, this system use waterproof sensor so that it is very useful to measure at joint of concrete dam, tunnel, and tank.

The readout

It is connected to the system such as the VW readout units, data loggers to be data logging and data acquisition system to monitor readings. It is compatible with other company's readout unit.

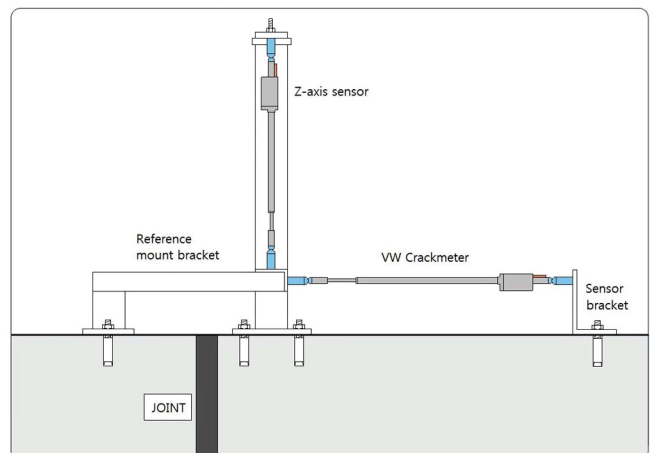
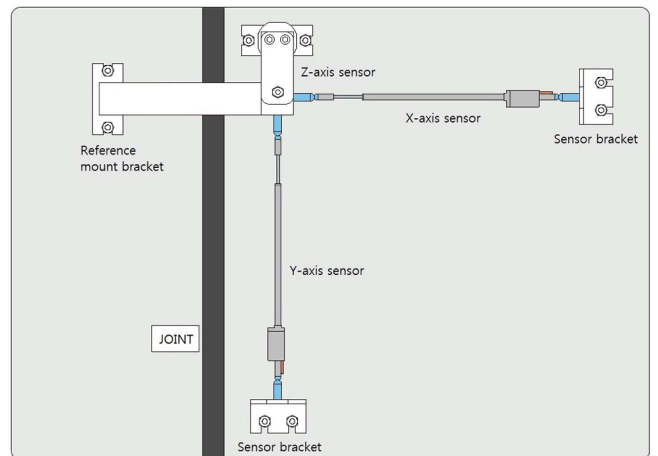
- ACE-800 (VW readout)
- ACE-1000 (VW data recorder)
- ACE-1100 series (VW mini logger)
- ADL-16V (VW data logger)
- ADL-200A (Smart logger)
- VL Module (Smart LoRa system)

Specification

Model	1330W-3D	1340W-3D	1341W-3D	1342W-3D
Sensor element	1330W	1340W	1341W	1342W
Range	50mm	100mm	150mm	200mm
Resolution	0.025% FSR			
Accuracy	±0.1% FSR			
Nonlinearity	±0.5% FSR			
Waterproof	250m H ₂ O (25bar)			
Material	Stainless steel			
Weight	0.5kg	0.65kg	0.7kg	0.8kg
Signal cable	Ø6.4mm, 0.37mm ² × 4C shielded PU cable			

[3D bracket]

For	1330W	1340W	1341W	1342W
Component	Sensor bracket / reference mount bracket / anchor bolt			
Material	STS304 / optional STS316(L)			
Dimensions	200mm	250mm	300mm	400mm
Weight	3kg	3.5kg	4kg	5kg



[installation of model 1340W-3D]