

Description

MEMS type this tilt meter is to measure the slop and deviation angle for the target structure to determine the stability by the slop displacement.

Component

- * Tilt meter main body
- * Cable
- * Installation jig

Application

- * To check the stability of the adjacent structure caused by the excavation and tunnel work
- * To check declining, stress concentration and slope changing for retaining wall, bridge, dam and subway, etc.



Feature

This tilt meter is electric type sensor is built in waterproof and anti-corrosion aluminum housing. And this tilt meter is not affected almost by the temp change and is suitable for long time measurement. Temperature is automatically compensated at normal temperature. Special designed module is applied to be affected by the vibration due to the work.

Specification

Model	SJ-6200	SJ-6201
Axis	Dual	Single
Sensor	MEMS Sensor	
Measurement range	±5°	
Resolution	0.001785714 (Degree/Volt)	
Accuracy	±0.1% FSR	
Linearity	±0.5% FSR	
Operation Temp.	-20°C ~ 80°C	
Product dimension	L = 160mm / D(Ø) = 32mm	
Weight	0.5kg	
Signal cable	Stainless steel pipe	

※ The product spec is subject to change without prior notice in order to enhance the product's quality.