

## Description

MEMS type tilt sensor is installed at 0.5-2.0m gauge length aluminum pipe in this EL Beam tilt meter and measure displacement by the changed angle multiply by L (gauge length).



## 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.
- \* Vertical EL beam sensor measure lateral displacement or convergence, and horizontal EL beam sensor measure

## Component

- \* Tilt meter main body
- \* Cable & accessories.

## 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-6000	SJ-6001
Axis	Dual	Single
Sensor	MEMS Sensor	
Measurement range	±5°	
Resolution	1 arc second	
Accuracy	±0.1% FSR	
Accuracy	±0.5% FSR	
Operation Temp.	-20°C ~ 80°C	
Product dimension	Housing : L = 0.5(0.65)m, 1.0(1.15)m, 2.0(2.15)m Sensor : 40 × 80 × 40mm	
Weight	1.15kg (0.5m)	
Material	Aluminum	

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



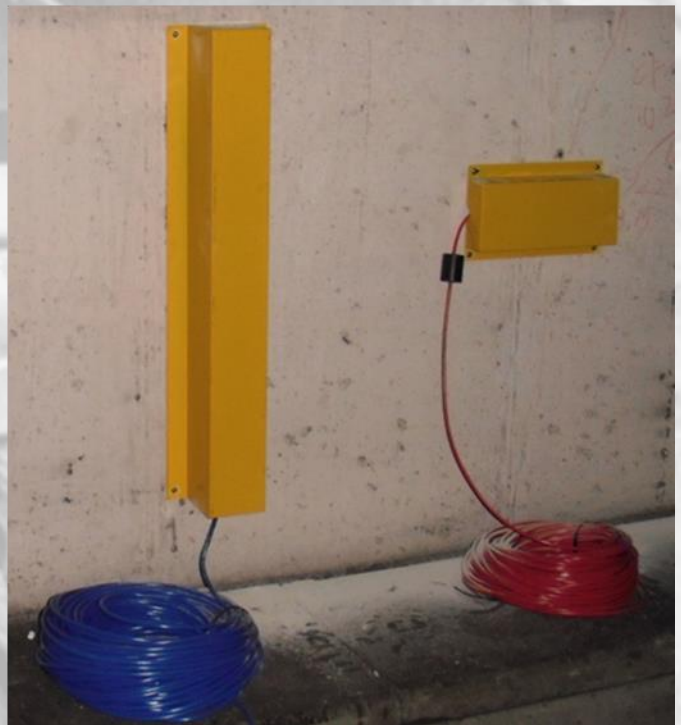
Installation Picture of EL Beam Incliner



Installation Picture of EL Beam Incliner



Installation Picture of EL Beam Incliner with Crack Meter



Installation Picture of EL Beam Incliner with Cover