

## Description

This inclinometer measure horizontal displacement of natural ground or structure by some depth (1.0 - 3.0m) at excavation work. High resolution sensor is built in to output precise value.

## Component

- \* Inclinometer main body
- \* Connection Rod
- \* Cable & accessories.

## Application

- \* Measurement of displacement at the sheating and excavation work
- \* measurement of critical surface of slop

## Characteristic

Single and dual axial accelerometer is applied to Model SJ-6900. The optimum housing is applied to measure reliable value to meet site characteristic. ABS inclinometer casing is applied to maxium repeatability at the measurement of displacement. Sensor wheel is taken down along grooves of inclinometer casing.



in-place  
Inclinometer

Inclinometer  
ABS casing

## Specification

Model	SJ-6900	SJ-6901
Axial	Dual axis	Single axis
Sensor Type	MEMS Type	
Measurement Range	±15°	
Resolution	0.001785714 (Degree/Volt)	
Accuracy	±0.1% FSR	
Non-linearity	±0.5% FSR	
Operation Temp.	-20°C - 50°C	
Sensitivity	0.002%	
Dimension	L = 500mm, D(∅) = 36mm (Customizing by depth or length)	
Material	Stainless steel pipe	

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