

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.

Feature

- * Sensor and rod one body type
- * Guide type(no roller type)
- * Special ball bearing is applied to connection parts to measure accurate ground displacement and acquire stable data.
- * Saving of installation time and cost by sensor and rod one body type
- * Optimum housing for high reliability at the site

Application

- * Horizontal displacement measurement of retaining wall at the sheathing work
- * Movement measurement of expectation activity slope surface
- * Movement measurement of weak ground or port construction work

Specification

Model	SJ-6600	SJ-6601
Axial	Dual axis	Single axis
Sensor Type	MEMS Type	
Measurement Range	±90°	
Resolution	0.002 (Degree/Volt)	
Accuracy	±0.1% FSR	
Non-linearity	±0.5% FSR	
Operation Temp.	-20°C - 70°C	
Sensitivity	0.002%	
Dimension	L = 1.0m, D(∅) = 19mm (Customizing by depth or length) Pipe D(∅) = 19mm, Guide D(∅) = 50~60mm weight 1.3KG (2.0M length)	
Material	Stainless steel pipe	

Protective cover

in-place inclinometer

Inclinometer ABS casing