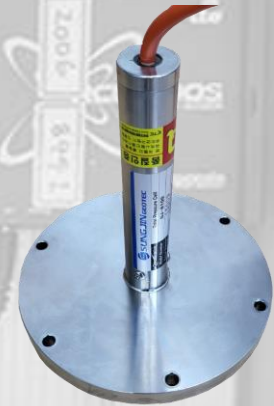


## Description

VW type Model SJ-8000 is used to measure ground soil pressure. Model 8000 is standard type and measure whole pressure that affect at the embankment work, and is wall type to measure soil pressure at the retaining wall. Our earth pressure cell measure stress of mass and direction in embankment dams and measure the back soil pressure at the retaining wall and measure the change of soil pressure by the load of fill in ground. At the tunnel, stress of tunnel linings is measured by earth pressure cell.



## Application

- \* Measurement of pressure volume and distribution to foundation ground
- \* Measurement of contact pressure of foundation ground with fill-up ground
- \* Applied pressure measurement to structure

## Feature

- \* High stability of available operation in inferior environment
- \* High repeatability and responsibility by no effect from cable length and change of resistance
- \* Optimum high sensitivity design by application
- \* Built-in high accuracy thermistor and lightning protection

## Component

- \* Earth pressure cell main body
- \* cable

## Specification

Model	SJ-8000	SJ-8100
Sensor type	VW & Standard type	VW & Jack out type
Resolution	0.025%FS	
Accuracy	±1.0%FS	
Measurement range	2 ~ 70 kg/cm <sup>2</sup>	
Operatrion Temp.	-40 °C ~ 80 °C	
Storage Temp.	-40 °C ~ 80 °C	
Signal cable	O6.4mm, 0.235mm <sup>2</sup> x 4C Shield PVC SYS cable 3m	
Dimension	Ø 230mm	Ø 150mm

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