

Description

Wave pressure cell measure wave pressure that influence Cassion structure at dock construction work, and understand the ocean character of work section through connection analysis with output of tide level gauge. The built-in strain gauge resistance is changed by the transmitted water or pneumatic pressure to diaphragm. The changed signal is transmitted to output device and display the need engineering unit to check pressure.

Feature

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

Component

- * Wave pressure cell main body
- * cable
- * Jig



Specification

Model	SJ-4700
Sensor Type	Foil Strain Gauge
Max. over load	150 % FSR
Accuracy	±0.1% full scale
Operation Temp.	-20°C ~ 50°C
Temp sensor mounted	NTC Thermistor (3KD-ATF)
Temp sensor accuracy	Thermistor : ±1°C
Dimension	φ = 150mm, L = 100mm, D(φ) = 25mm , Weight : 2.1kg
Material	Stainless steel 300, High density epoxy potting

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