

Description

This is a mounting jig that measure displacement as triple axial by waterproof type displacement meter.

This mounting jig with displacement is installed to measure movement at the expansion joint and crack in dam or tunnel or tank.

The design of mounting jig can be changed to meet purpose at the site.

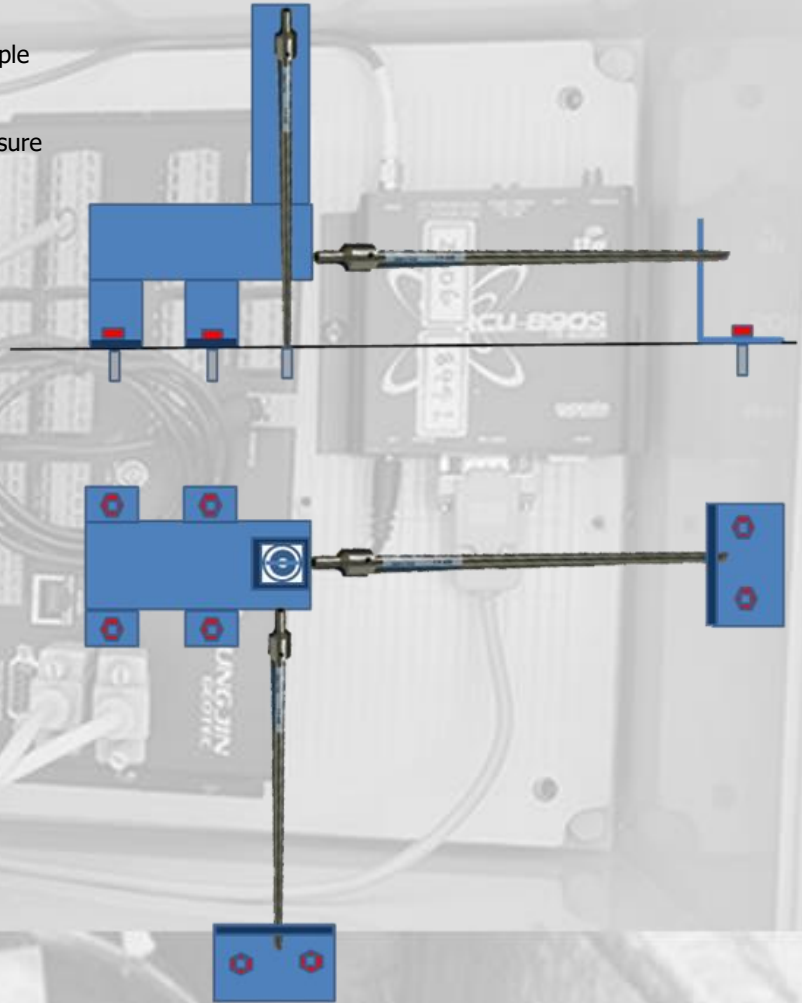
The Max. range of displacement meter is 50mm, 100mm and 150mm.

Feature

- * 10m H₂O waterproof structure
- * High accurate resistance temp sensor mounted
- * Various measurement range from 50 to 200mm
- * High stability and high reliability

Component

- * Crack meter main body
- * Cable
- * 3D jig



Specification

| Model | SJ-3100 | SJ-3110 | SJ-3115 | SJ-3120 |
|--------------------------------------|-----------------------------------|------------|------------|------------|
| Measurement range | 0 ~ 50 mm | 0 ~ 100 mm | 0 ~ 150 mm | 1 ~ 200 mm |
| Sensor type | Vibration wire | | | |
| Resolution | 0.025% FSR (0.01mm) | | | |
| Accuracy | ±0.5 % FSR | | | |
| Thermal expansion coefficient | 11X10 ⁻⁶ /°C | | | |
| Operation Temp. | -20°C ~50°C | | | |
| Temp sensor | NTC Thermistor(3KD-ATF) | | | |
| Temp sensor operation range | Thermistor: -40° C ~ 80° C | | | |
| Temp sensor accuracy | Thermistor: ±1° C | | | |
| Waterproof capacity | 10m H ₂ O | | | |
| Main material | Special steel, High density epoxy | | | |

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