ABS Inclinometer Casing

Description

Our ABS inclinometer casing is designed to operate or install portable servo accelerometer type inclinometer or in-place inclinometer that monitor under ground horizontal displacement. And inside 4 guide groove can control direction of inclinometer probe to measure the stability of embankments, slopes, rock cuts, foundation, excavation wall, piles and dams, etc.

Feature

Our inclinometer casing is composed of casing and coupling and end cap basically and telescopic casing is option.

If heavy torision force casing, inclinomter cannot be inset to casing.

Our material of casing is ABS(Acrylonitrile Butadiene Styrene) resin that is very strong and lightweight and corrosion resistance and environmental resistance.

And we manufacture inclinometer casing and casing by extrusion and cutting and keep tolerance of groove within 0.2° by precise processing.

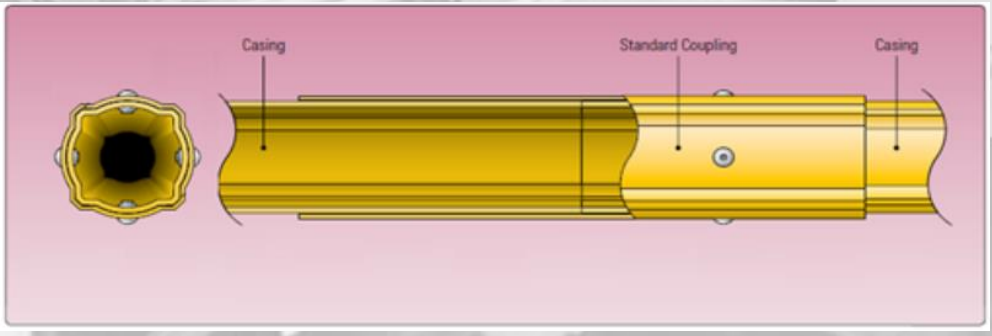
Therefore our inclinometer casing protect inclinometer against heavy spiral force and deformation and guide inclinometer probe to measure slop stably.

Application

* Pilling
* Landfills stability
* Prock cuts
* Under large storage tanks
* Embankment stability
* Bridge pier, abutments deflection
* Landfills
* Slopes stability
* Dam stability

Installation

Inclinometer casing shall be installed by special monitoring company. If settlement or uplift of the groung is expected, telescope section shall be installed. Inclinometer casing shall be not pushed by drilling equipment to remove buoyancy. Optimum grouting shall be selected according to soil environment. Before installation, borehole depth shall be checked. Groove shall be installed to meet direction that isexpect displacement. Grooves of our inclinomter casing is on casing to meet direction easily. After installtion, if direction casing is changed, it is caused by spiral force that is caution of measurement error, therefore groove direction is met carefully at the installation.Inclinomter casing shallbe be jointed by coupling and fixed by reviet. The joint parts shall be sealed and waterproofed by sealing materials like silicon, and tape.



Specification

Model	60 CASING	60 COUPLING	70 CASING	70 COUPLING
Tension test	39Mpa or more			
Collapsing Pressure	225psi or more			
Processing method	Pultrusion and cutting.			
KIWI processing accuracy	within 0.2°			
Heating penetration test	80 ° C and more			
Temp. range	-20 °C ~ 100 ° C			
Humidity range	0 ~ 100%			
Material type	ABS(Acrylonitrile Butadiene Styrene) RESIN			
O.D (mm)	60±0.2	70±0.5	70±0.2	80±0.5
I.D (mm)	50±0.2	60.5±0.2	60±0.2	70.5±0.2
Length(mm)	3000±5	165±5	3000±5	180±5
Weight(kg)	2.1	0.13	2.4	0.24