

Induction current type extensometer



Description

Model 5600 is composed with extensometer body, metal ring, and bellow pipe which is available to attach sensing element on it.

The below pipe should be installed outside of inclinometer casing and sensing element should be attached on certain depth of below pipe. After installation for bellow pipe, it should be grouting.

After probe is lowered until bottom of inclinometer casing inside, when pulling up the probe which is closed to metal ring the buzzer will be sounded. Then, read graduation of tape depth.

Applications

This model is useful to measure with inclinometer casing at borehole, dam, and bank

Features

This model is valuable to measure total settlement. Also, it is useful to measure settlement for each section.

Ancillary equipments

Inclinometer casing	No prominent casing is required such as RC, SC, DC, WC type casing for preventing interference between casing and bellow pipe
Bellow pipe	It should be cut each 10m in order to handle and install easily and should be covered each end for preventing inflow while grouting the borehole.
Sensing element	It should be attached outside of below pipe

Specification

Model		5600		
Portable extensometer	Applied sensor	Induction current type		
	Range	50m	100m	
	Resolution of tape	1mm		
	Precision of tape	ISO first grade		
	Weight	2.5kg	4.5kg	
	Dimensions	152(W) × 278(L) × 282(H)mm		
	Material	Frame	Stainless steel pipe	
		Probe	Magnet coil circuit built-in PVC product	
		Reel	ABS extruding injection	
		Tape	Polyethylene coated steel tape	
Accessories	Voltmeter			
	On-Off switch			
Sensing element	Material	Stainless steel		
Bellow pipe	Material	Soft PE hose		
	Dimensions	ID 3~4" pipe		
Applied casing		OD Ø70 or Ø85 inclinometer casing		
Operating temperature		-20 ~ 70°C		

