

Mechanical rod extensometers (MPBX)

Description

Mechanical rod extensometer is used dial gauge basically. Model 2390 is complete product type and model 2391A is assembling product type.

Model 2390 is 4 measuring point of 4 anchors (up to 6m) in case of model and the length of mechanical rod extensometer divided into 2~6m of lengths based on the longest anchor that you can choose according to the appointed length in construction design or condition of construction site.

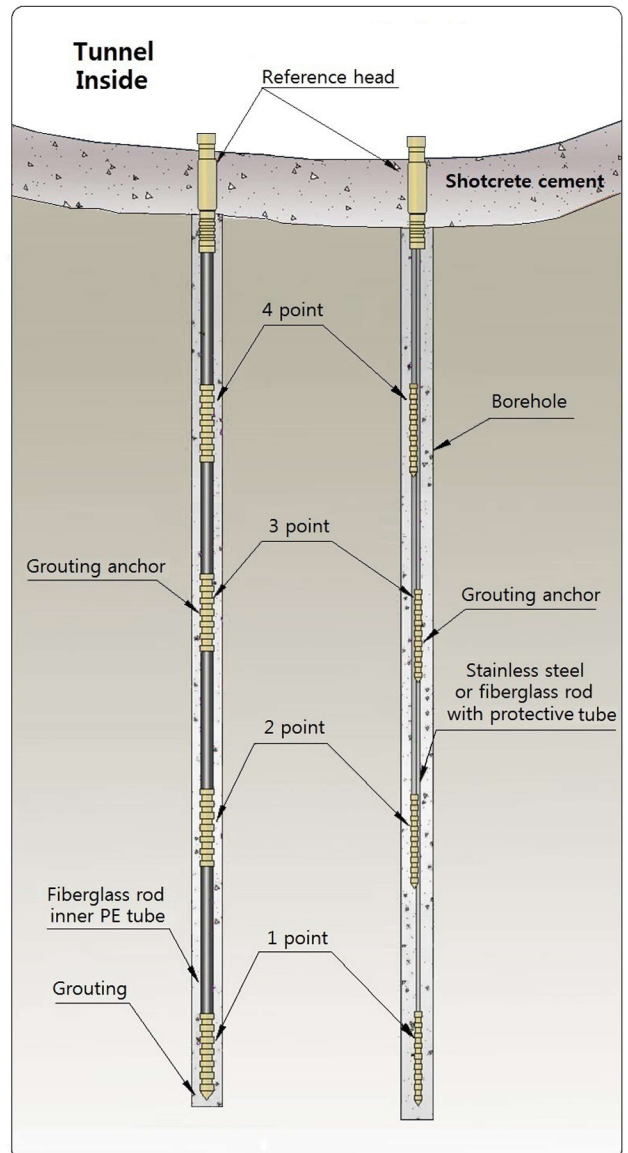
Model 2391A is assembling extensometers whose point distance is over 6m and is designed into a structure that is possible to assemble and establish in the construction site. It should be used model **2391B** if measuring point is over 5 points because it is designed for multi-point measurement and deep depth.

Application

This model is useful to measure of displacement of ground by convergent excavation in the ground like tunnel, mine, or common duct and to measure deformation of slope and horizontal or vertical displacement of soil or rock in tunnel.

Specification

Model	2390	2391A	2391B
Measuring method	Dial depth gauge		
Measuring point	4P	1~4P	1~6P
Range	50mm(STD) / 100mm(optional)		
Minimum drilling diameter	More than $\varnothing 38\text{mm}$ (EX drill)		
Full length	2~6m	Max. 100m	
Weight	3.4~4.6kg	Head : 1.1kg Anchor : 80g/m	
Anchor rod	$\varnothing 3\text{mm}$ Fiber glass rod	$\varnothing 6\text{mm}$ fiber glass rod	
Protective cover for anchor rod	$\varnothing 16 \times \varnothing 22\text{mm}$ Hi-VE pipe	PE tube ($\varnothing 8 \times \varnothing 10\text{mm}$)	



[Installation of mechanical rod extensometer]



[Photo of head ass'y]



[Model 2391A,B ass'y]