

KB-GC/KB-HC Inclinator

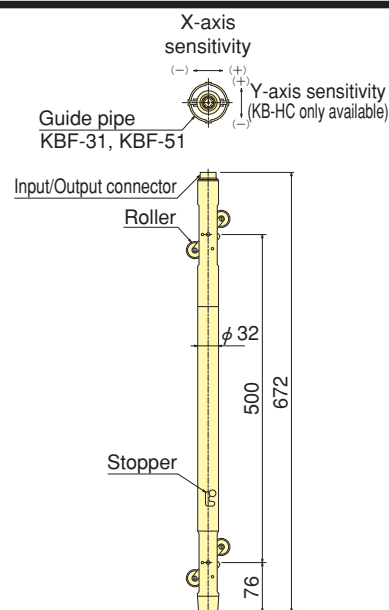


The KB-GC and KB-HC inclinometers are used to measure the inclination of ground or structures. Before installation, special guide pipes are first set in ground or structures vertically and then the inclinometers are inserted into these special guide pipes to measure inclination. The KB-HC can measure inclination in both X and Y directions simultaneously.

Protection ratings : IP 68 equivalent

Specifications

Type	KB-5GC	KB-10GC	KB-5HC	KB-10HC
No. of measuring axis	1		2	
Capacity	±5°	±10°	±5°	±10°
Rated Output	1mV/V (2000×10 ⁻⁶ strain)			
Non-linearity	0.5%RO			
Cross sensitivity	—		3%RO	
Temperature range	−20~+60℃			
Input/output resistance	360Ω			
Recommended exciting voltage	Less than 2V			
Allowable exciting voltage	5V			
Unit weight	2.5kg			
Cable weight	5.5kg			



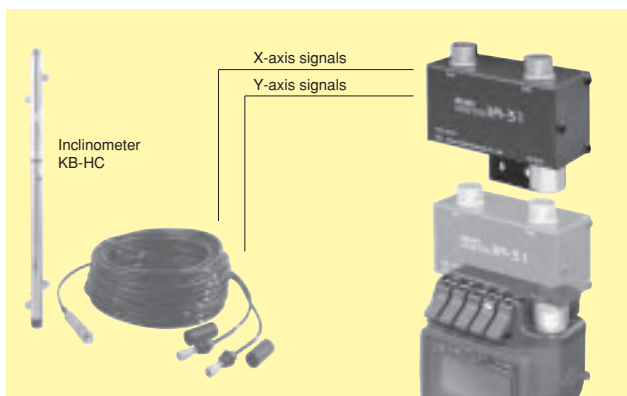
Supplied cable
 KB-GC : CT9-4UM50/SWP-SNP
 $\phi 9\text{mm}$ 0.5mm^2
 4-core polyurethane cable with scale, 50m
 KB-HC : CT9-8UM50/SWP-SNP $\times 2$
 $\phi 9\text{mm}$ 0.3mm^2
 8-core polyurethane cable with scale, 50m

Accessory

Carrying Case KBF-60

The Aluminium steel make Carrying Case contains main body of the inclinometer.
 Size : 720(W) $\times$ 100(D) $\times$ 100(H)
 Weight : 4.7 kg.

IA-31 Inclinoadapter



The Inclinoadapter is designed to measure bi-axial inclination with our Handy Digital Strainmeter TC-31K. With setting of Inclino mode on the TC-31K, inclination in both X and Y directions can be measured simultaneously. Moreover, Data memory function of the TC-31K turns ON, separated data on X and Y is saved.

Specifications

Applicable instruments	TC-31K [TYPE S200] (Ver.4.1A or later)
No. of measuring points	2
Carrier	350 Ω Constant current system 5.7mA DC drive
Extension of sensor cable	Maximum total cable resistance 150 Ω
Accuracy	Subject to TC-31K
Power requirement	Powered by TC-31K 5Vdc 100mA or less
Environment	$-10 \sim +50^\circ\text{C}$ 80%RH or less (no condensation)
Dimensions	95(W) $\times$ 42(H) $\times$ 85(D)
Weight	300g.