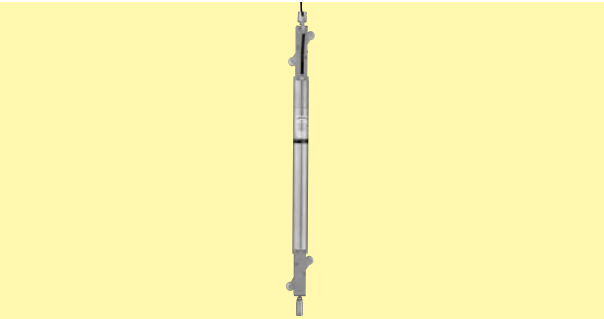


KB-KD Inclinometer



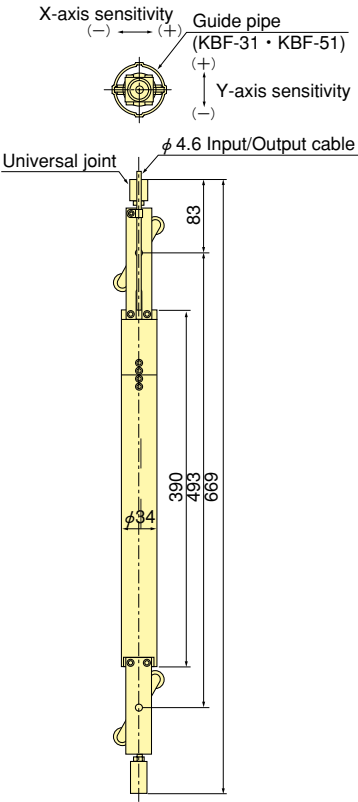
The KB-KD inclinometer is a high-output, multi-layer inclino-meter. It is used together with an aluminum guide pipe KBF-31 and an ABS guide pipe KBF-51-2.

Protection ratings : IP 68 equivalent

Specifications

Type	KB-5KD	KB-10KD
No. of measuring axis	2	
Capacity	$\pm 5^{\circ}$	$\pm 10^{\circ}$
Rated Output	1.5mV/V (3000 $\times 10^{-6}$ strain)	
Non-linearity	0.5%RO	
Cross sensitivity	3%RO	
Temperature range	$-20\sim +60^{\circ}\text{C}$	
Input/output resistance	Input 175 Ω / Output 350 Ω	
Recommended exciting voltage	Less than 2V	
Allowable exciting voltage	5V	
Weight	2.2kg	

Input/output cable : ϕ 4.6mm 0.08mm² 6-core shielded vinyl cable 2m



KB-P Inclinometer

Built-in Arrestor



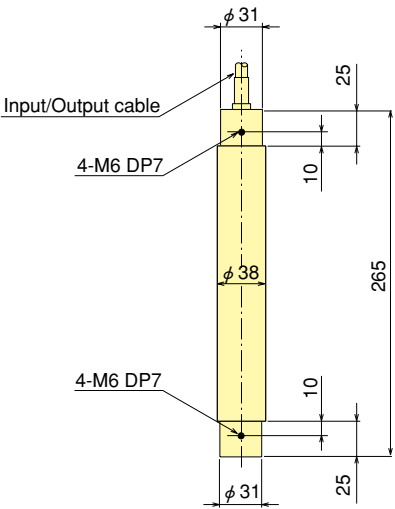
The KB-P inclinometer is used to measure the displacement of ground caused by landslides or the displacement of structures. Multiple KB-P inclinometers are attached to a special relay pipe, inserted into a borehole 66 mm or larger in diameter, and secured at multiple measurement positions. Grout is injected into the borehole to secure the inclinometers in position.

Protection ratings : IP 68 equivalent

Specifications

Type	KB-5P	KB-10P
Capacity	$\pm 5^{\circ}$	$\pm 10^{\circ}$
Rated Output	1mV/V (2000 $\times 10^{-6}$ strain)	
Non-linearity	1%RO	
Temperature range	$-20\sim +60^{\circ}\text{C}$	
Input/output resistance	350 Ω	
Recommended exciting voltage	Less than 2V	
Allowable exciting voltage	5V	
Weight	1.5kg	

Input/output cable : ϕ 6mm 0.35mm² 4-core shielded chloroprene cable 2m



Accessory

- Relay Pipes**
 - KBF-41P-1 (1m)** **KBF-41P-2 (2m)**
 - These Relay pipes are used to pre-connect the multiple layers of inclinometers.
- Extension Pipes**
 - KBF-41L-1 (1m)** **KBF-41L-2 (2m)**
 - These Extension pipes are used to extend pipes when the distance between inclinometers is longer than 2m.
- Positioning Pin**
 - KBF-42**
 - This pin is used to align the sensitivity direction of inclino-meters.