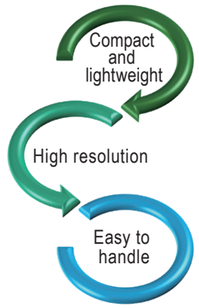
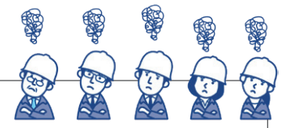
NEW IM-10UA/BA solves the following problems!



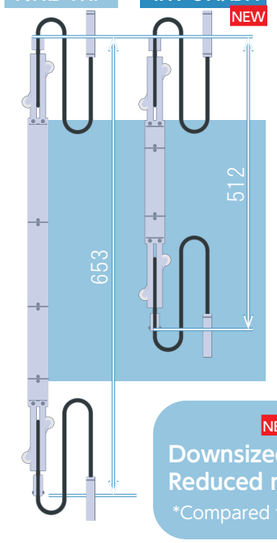
Compact and lightweight	Reduced installation workload	Compatible with "TML-NET"	Small diameter guide pipes

1 Are you having trouble transporting or storing your multi-layer inclinometer?



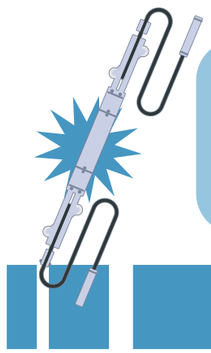
Compact and lightweight

NKB-MF | IM-UA/BA NEW

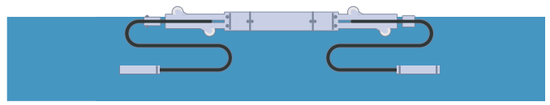


NEW IM-UA/BA
Downsized overall length by 20%
Reduced mass by 43%
*Compared to NKB-MF

Reduced transportation workload



NEW IM-UA/BA
Eliminated restrictions during transportation of conventional inclinometers!
- Cannot be laid horizontally
- Vulnerable to shock



Transported conventionally in a tall, vertical box.
⇒ Large volumetric weight (transported in a high-top van etc.)

IM-UA/BA is compact and OK to lay horizontally
⇒ Space saving by horizontal storage in a box (OK to transport in a station wagon)

2 Why don't you easily automate the multi-layer inclinometers?

Reduced labor/cost during installation/measurement, and maintenance costs resulting from cable deterioration.

A : Insertion-Type Inclinometer
- Only one sensor unit. The measurer moves the sensor position and conducts the measurement.
- Easy installation
- No automated/unattended observation

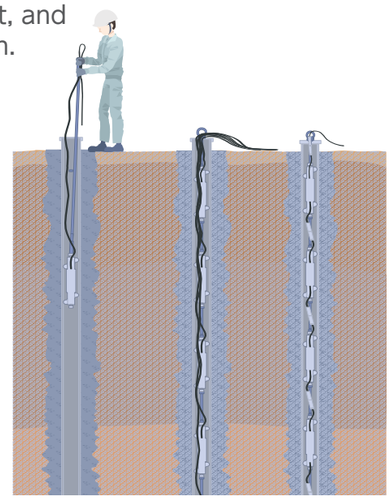
In the event of long-term measurement:
Increased workload and man-hours

B : Multi-layer Inclinometer
- Equally spaced sensor units
- Simultaneous measurement of entire measurement length
- Automated/unattended observation

Installation workload/costs: Costly maintenance

C : Networkable Multi-layer Inclinometer NEW
Automated/unattended long-term observation:
Significant cost savings during measurement

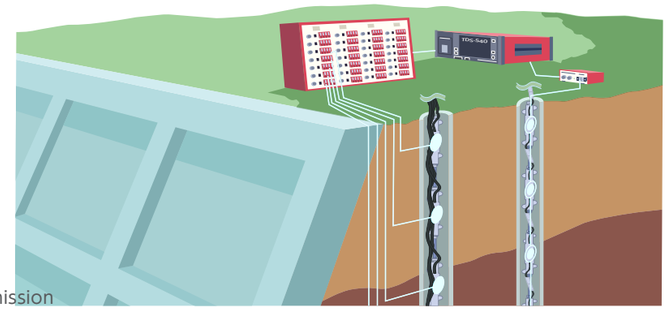
Maintenance is easy as well



3 Is it troublesome to install a multi-layer inclinometer because of many cables to connect/wire?

Significant reduction in wiring
- Easier adjustment of cable length according to wiring route/depth
- Easy installation even at sites with unfavorable environments

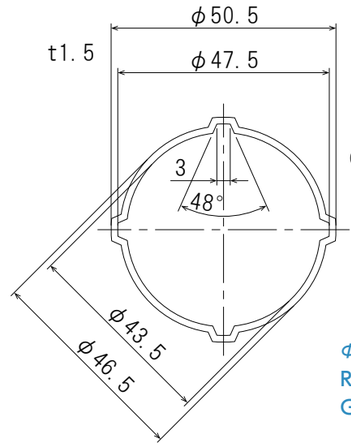
Network-Type Measuring System "TML-NET"
- Equally spaced multiple sensor units along the vertical measurement length
- Cables for sensors are connected to each other for ease of installation
- High noise durability with digital transmission

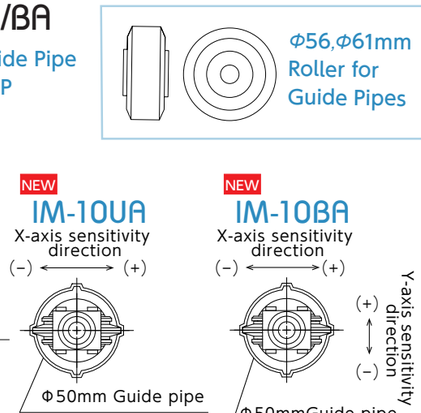


4 The more multi-layer inclinometers, the thicker the guide pipe becomes?

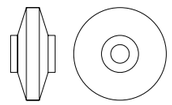
NEW Guide pipes for IM-UA/BA

Compatible with small diameters! Aluminum Guide Pipe Φ50mm IM-GP



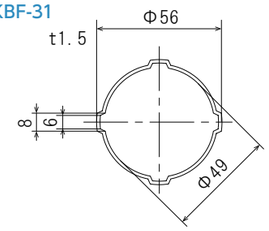


Φ50mm Roller for Guide Pipes

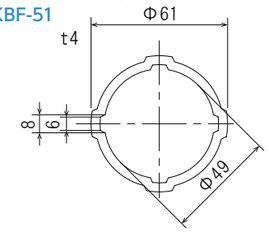


Φ56,Φ61mm Roller for Guide Pipes

Aluminum Guide Pipe Φ56mm KBF-31



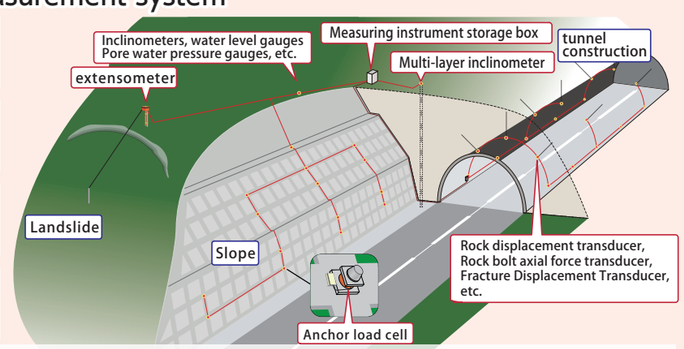
Resin Guide Pipe Φ61mm KBF-51



5 More! Compatible with conventional "TML-NET" measurement systems

Network-type measurement system that realizes significant reduction in wiring and easy expansion of measurement system

Easy wire connection and branching	Easy installation by compact and lightweight module unit
No sensitivity loss caused by cable extension	Highly resistant to noise due to digital processing in immediate vicinity of sensor
No influence due to degradation of insulation resistance	Network module total extension distance maximum 2 km
Can also be used simultaneously with switch box (when TDS is used	Isolated between individual measuring instrument
Cost reduction by reduced wiring	



The network-type measurement system TML-NET has high noise resistance with its decentralized layout and digital transmission and can aggressively be used for on-site measurement in unfavorable environments. Furthermore, additions/branches of measurement points are easy in accordance with the progress of the construction work.