

Load cell for Two-wheeler Handbrakes PK1-500N Load cell for Vehicle Foot Pedals PK2-1500N

- Measuring forces acting on foot pedals or handbrakes.
- Easy attaching and measuring force on pedals or on handbrake lever.

	PK1-500N(for Two-wheelers)	PK2-1500N(for Vehicles)
Photo		
Using Image		
	Measurement is possible by attaching the load cell on a hand brake and gripping them together.	Measurement is possible by hooking the load cell on a pedal and stepping them on together.

[Load cell specification]

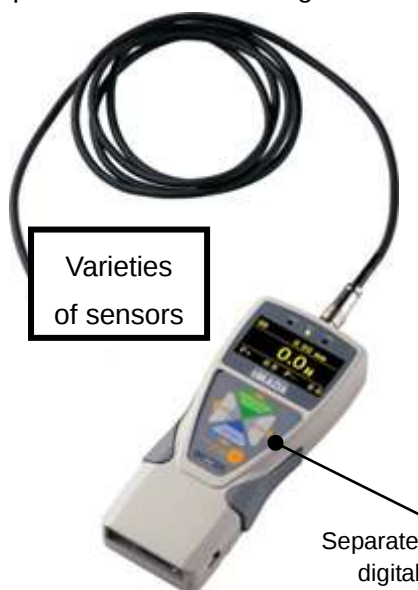
Model	PK1-500N	PK2-1500N
Application	For two-wheeler hand brakes	For vehicle foot pedals
Capacity	500N	1500N
Cable length	Approx.1.5m	Approx. 1.5m
Size	Approx.102×35×40(mm)	Approx. 50×70×27(mm)
International Protection	IP65	IP65

**Force value display/ Data management/ Operating external devices
are ALL possible by combining with IMADA amplifier.**

Recommended Display Device : ZT Series
Separate sensor model digital force gauge

Combining with ZT series helps your needs such as...

- [Comfortable reading for measurement value](#)
→Measurement value is possible to check comfortable apart from the sensor. Users can keep safe distance even if the test involves some danger like Crushing test.
- [Easy data management on PC](#)
→Included software "ZT-Logger" helps to export series of data to PC. Furthermore, separately-sold software "Force Recorder" enables to draw into a graph in real time at 2000Hz. It also inputs sampling date and time at the same. Data management can be easy.
- [Various output functions for operating external devices](#)
→These functions expand the possibility of usage with external devices.



Separate sensor model
digital force gauge
ZT series

• **Desktop force amplifier FA Plus**



Desktop model is also
available.

[The capacity list of combination with ZT series]

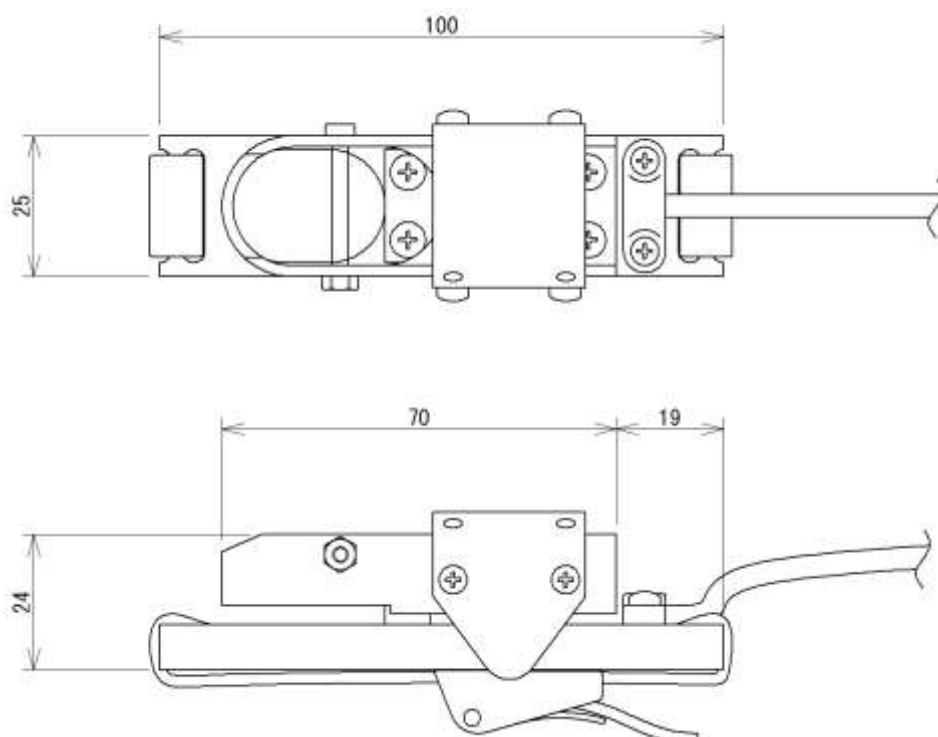
Model		Capacity	Accuracy(*1)	Display	Resolution
ZTA- PK1-500N	ZTS- PK1-500N	500N	±1.0%F.S. or less	500.0N	0.1N
ZTA- PK2-1500N	ZTS- PK2-1500N	1500N	±1.0%F.S or less	1500N(1.500kN)	1N(0.001kN)

* Please refer to each specification for ZT series, Force Recorder and FA plus if necessary.

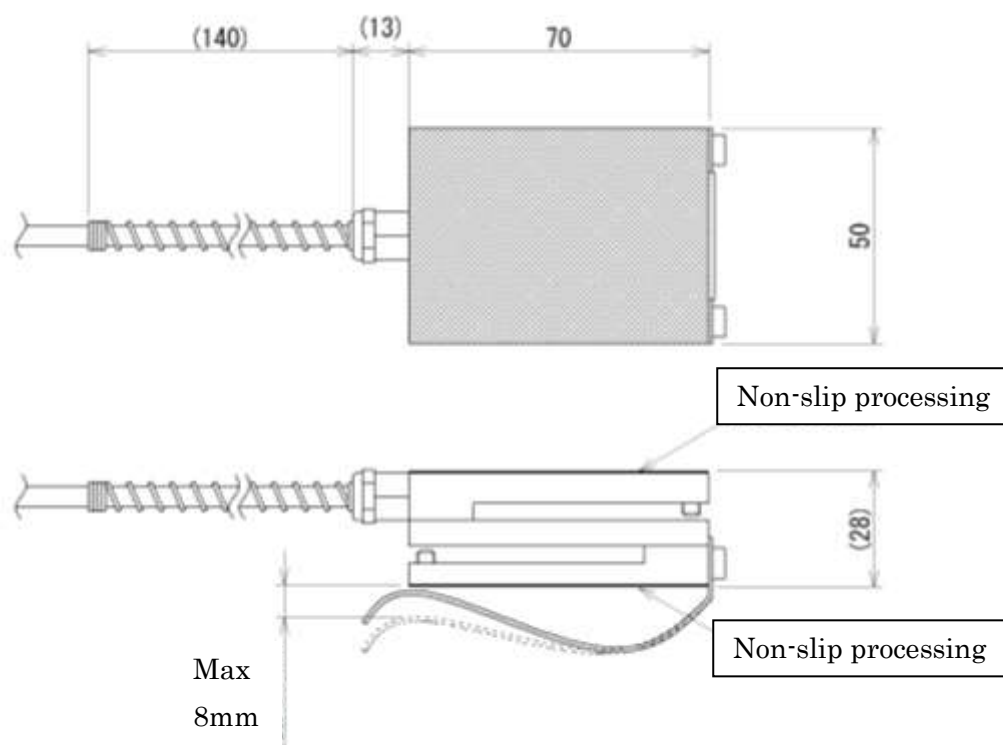
*1 The accuracy is only available for combinations with our devices.

[Dimensions]

PK1-500N



PK2-1500N



[Caution]

- This product is designed for force measurement only. Do not use it for other purpose.
- Please pay close attention to install these products.
 - Never apply strong force or impact especially on the sensing direction.
 - Do not apply bending or torsion stress when setting up the sensing shaft to a measuring object.
- Do not use in the condition of rapid temperature changes, high temperature, high humidity, near water and dusty place.
- The contents may be changed without notice in advance.

[Please feel free to contact us \(+81-\(0\)-532-33-3288\) for your measurement.](mailto:imada@imada.co.jp)