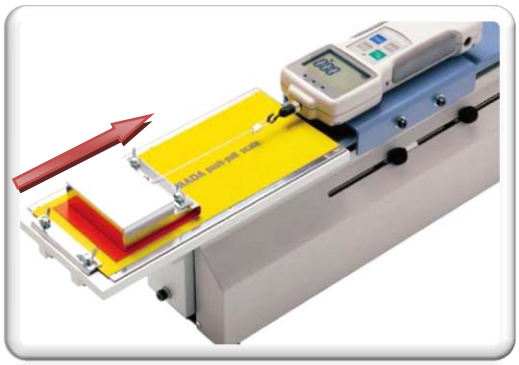
Coefficient of Friction Table COF-10N

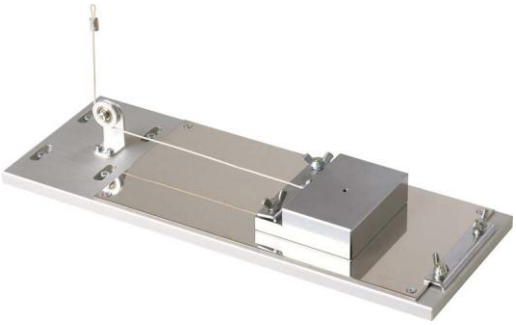
Friction table used with a force gauge.
Suitable for friction tests of papers and films.
Static friction and average dynamic friction are easily detectable with included

For more precise test
Horizontal System
COF-2N
COF-10N



Measurement Example

For test at small space
Vertical System
COF-2N-V
COF-10N-V



Measurement Example

* This product does not include either force gauges or test stands.

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Specifications				
Model	COF-2N	COF-10N	COF-2N-V	COF-10N-V
Pull Direction	Horizontal System		Vertical System	
Weight	200g (Approx.2N)	1000g (Approx.10N)	200g (Approx.2N)	1000g (Approx.10N)
Sample Width	Max 1.5mm			
Stroke	Max 150mm			
Table Weight	Approx. 1.7kg		Approx. 1.9kg	
Dimensions	Refer to the next page.			
Accessory	Software: ZP-Recorder-COF *PC is not included.			
Attachable Test Stands	MH-1000N-E ML-1000N-E		MX-500N-E, MX-1000N-E, MX-2000N-E MX2-500N, MX2-1000N, EMX-1000N	

*Please get a contact with your local distributor or us when customized stroke or weight is needed.
*Weight can be solely purchased without the table and software.
(Weight model [200g: COFW-2, 1000g: COFW-10])
*Please get a contact with us for attachment to other types of test stands.

Recommended Combinations	
Digital Force Gauge	Motorized Test Stand
 ZP Series *Capacity depends on samples (Capacity should be 50N or less)	 Horizontal Test Stand MH-1000N-E (For COF-2N, COF-10N)  Vertical Test Stand MX2-500N (For COF-2N-V, COF-10N-V)

Corresponded JIS: Japanese Industrial Standard		
JIS P8147 (1994)	Paper and board-Determination of the static and kinetic coefficients of friction	COF-10N COF-10N-V
JIS K7125 (1999)	Plastics - Film and sheeting - Determination of the coefficients of friction	COF-2N COF-2N-V

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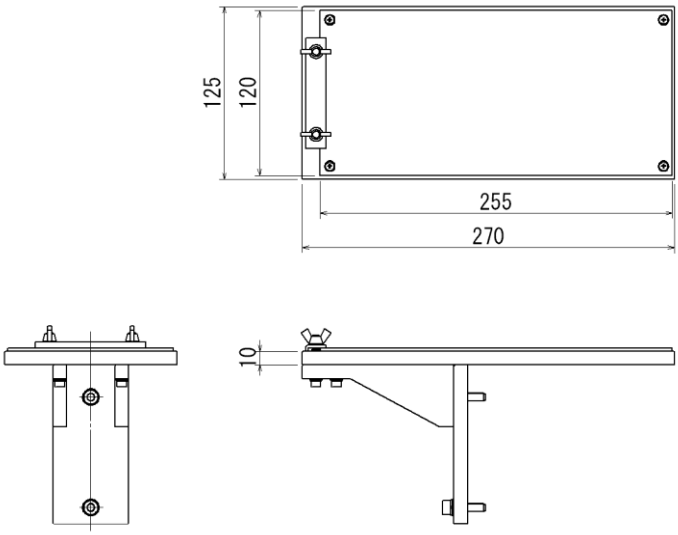
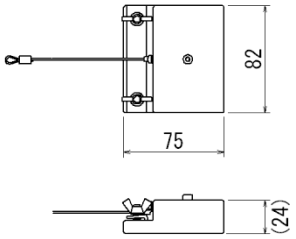
[Dimensions]

Horizontal System

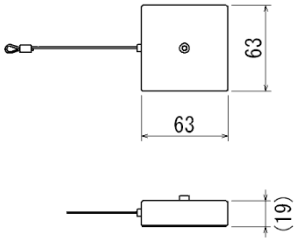
Table



Weight 1000g
(for COF-10N, approx.10N)

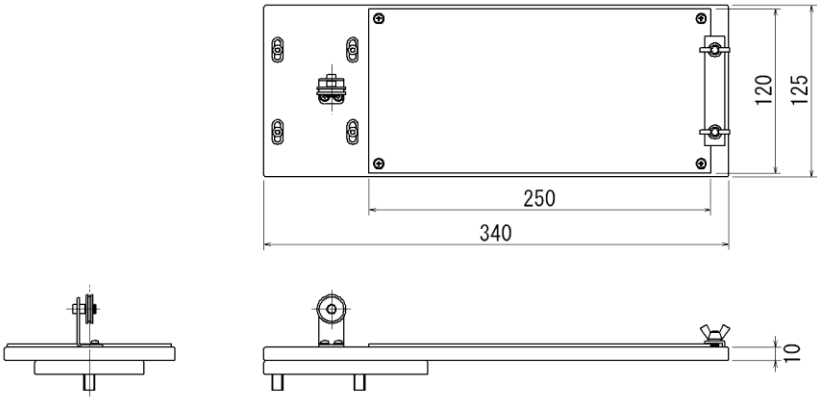


Weight 200g
(for COF-2N, approx. 2N)

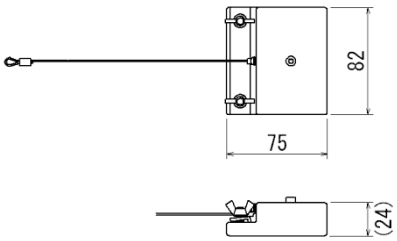


Vertical System

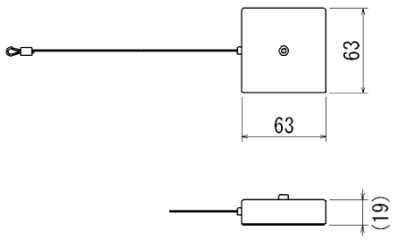
Table



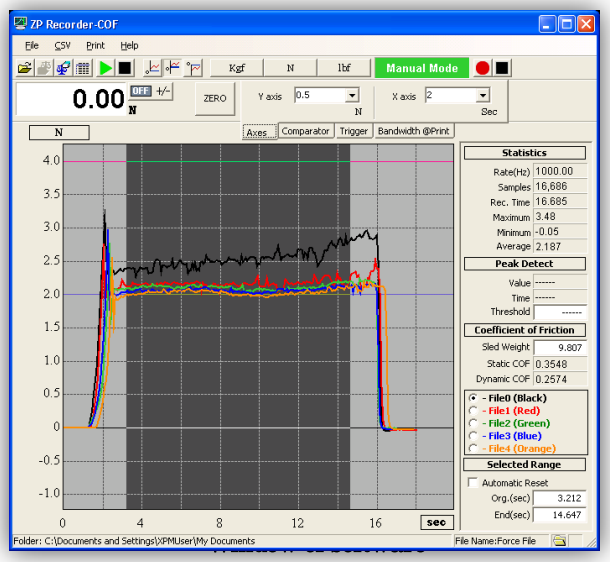
Weight 1000g
(for COF-10N-V, approx.10N)



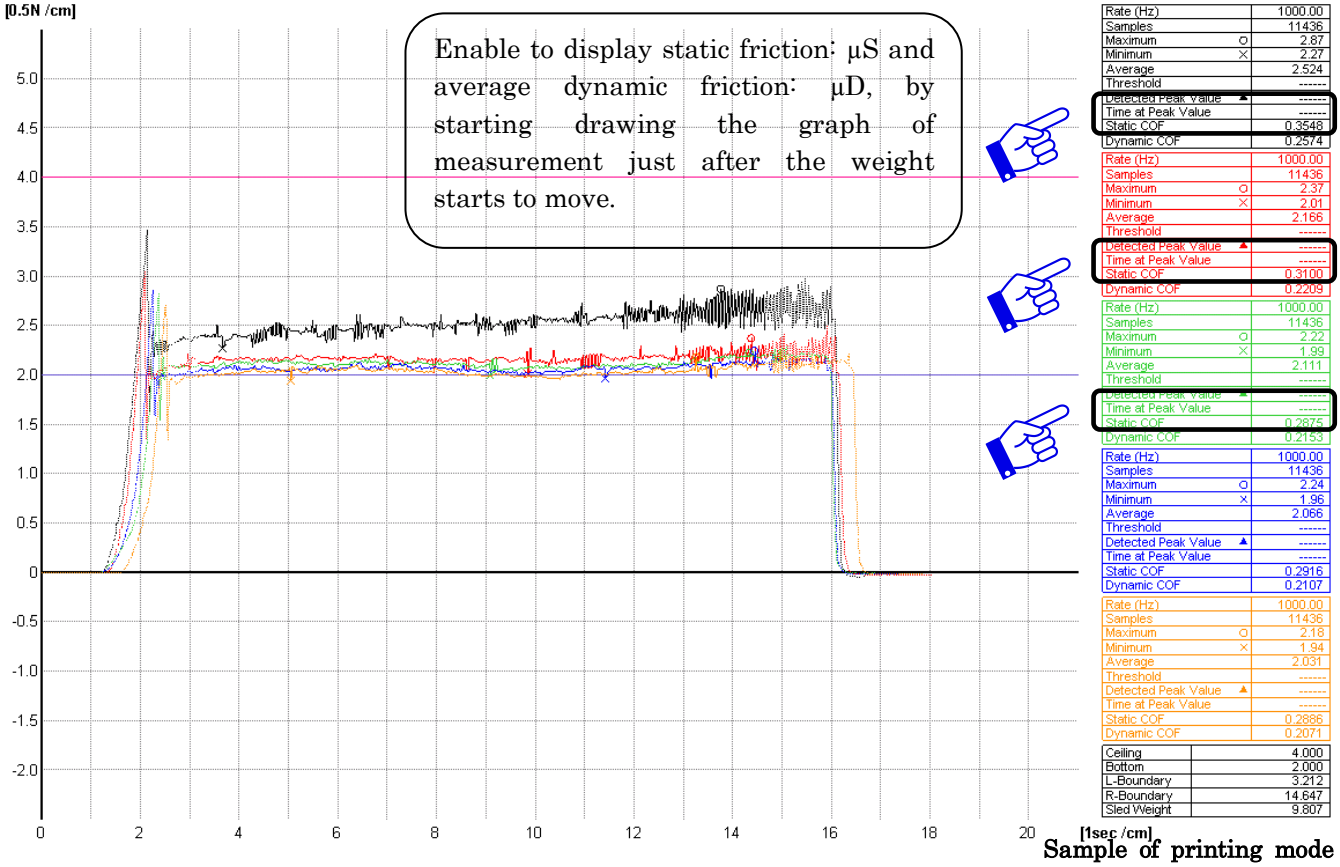
Weight 200g
(for COF-2N-V, approx. 2N)



Specifications of Software	
Data Recording	Sampling Speed 1000 times/sec. (Max.)
	Enable to display 5 graphs on the same table.
	Automatic recording start with force trigger function.
	Besides original file name extension, enable to save data in CSV style (Compatible with Microsoft Excel, max 65,531 data)
Graphing	Save and Print
	Graph origin making and arrangement
Operation system	Windows 2000, XP, Vista, 7(*)
Working environment	Microsoft .NET Framework 2.0 Microsoft Internet Explorer 5.01 or later



(*) 64bit version is not available for 2000 and XP.



Sample of printing mode

[Caution]

The contents may be changed without notice in advance.
This product is designed for force measurement only. Do not use it for other purpose.
Some samples may not be able to be gripped depending on materials and shapes.
Do not copy and use the contents without authority.

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