

IMADA Co., Ltd.
Coefficient of Friction Tester COF-10N



Coefficient of Friction Table

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

For more precise test

Horizontal System

COF2-2N

COF2-10N

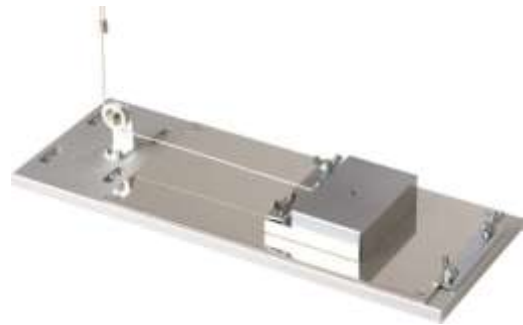


For test at a limited space

Vertical System

COF-2N-V

COF-10N-V



Measurement Example



Measurement Example

* This product is not including either force gauges or test stands.




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Specifications				
Model	COF2-2N	COF2-10N	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 thickness	Max 1.5mm			
Stroke	Max 150mm			
Table Weight	Approx. 2.0kg		Approx. 1.9kg	
Dimensions	Refer to the Dimensions in next page.			
Accessory	Software: Force Recorder Standard COF ver. *PC is not included.			
Compatible Test Stands	MH2-500N		MX-500N-E, MX-1000N-E, MX2-500N, MX2-1000N, EMX-1000N	

*Please feel free to contact us or your local distributor if necessary to customize stroke or weight. (Special order is acceptable.)

* Additional purchase is available for the weight part. (Weight model [200g: COFW-2, 1000g: COFW-10])

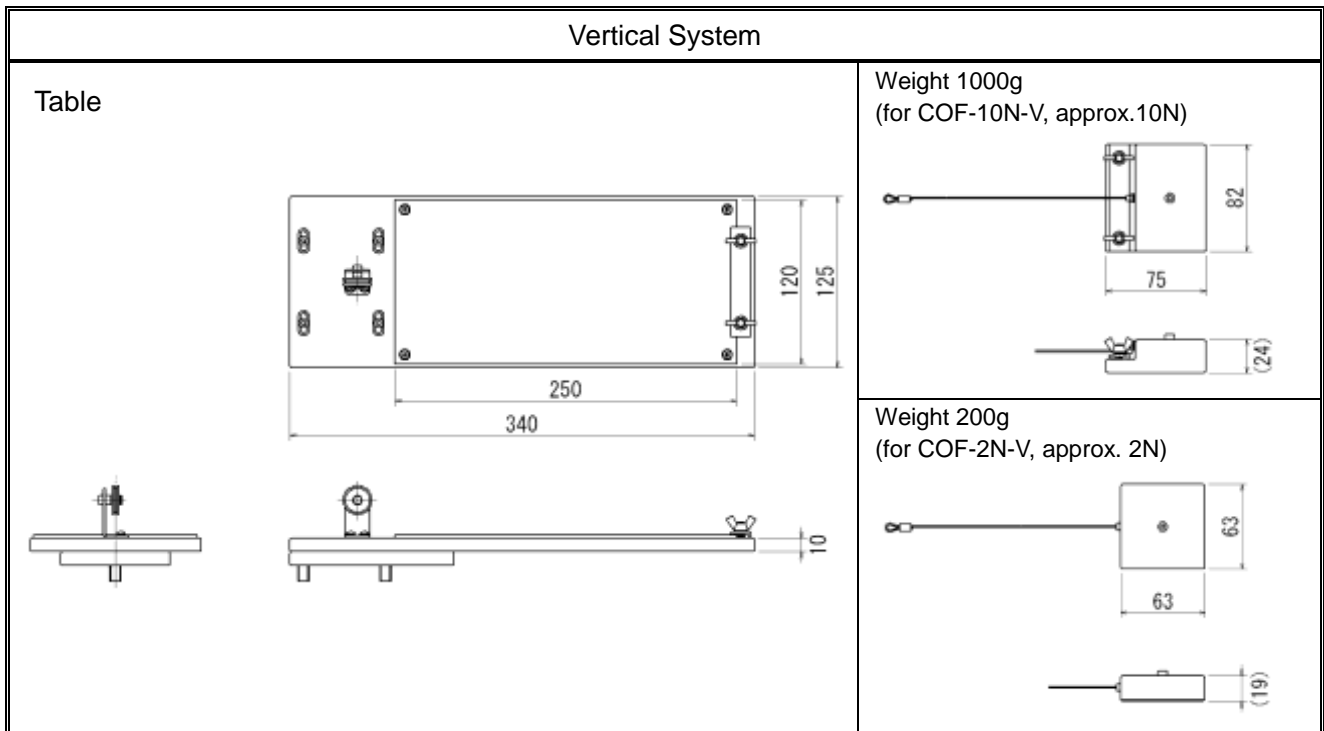
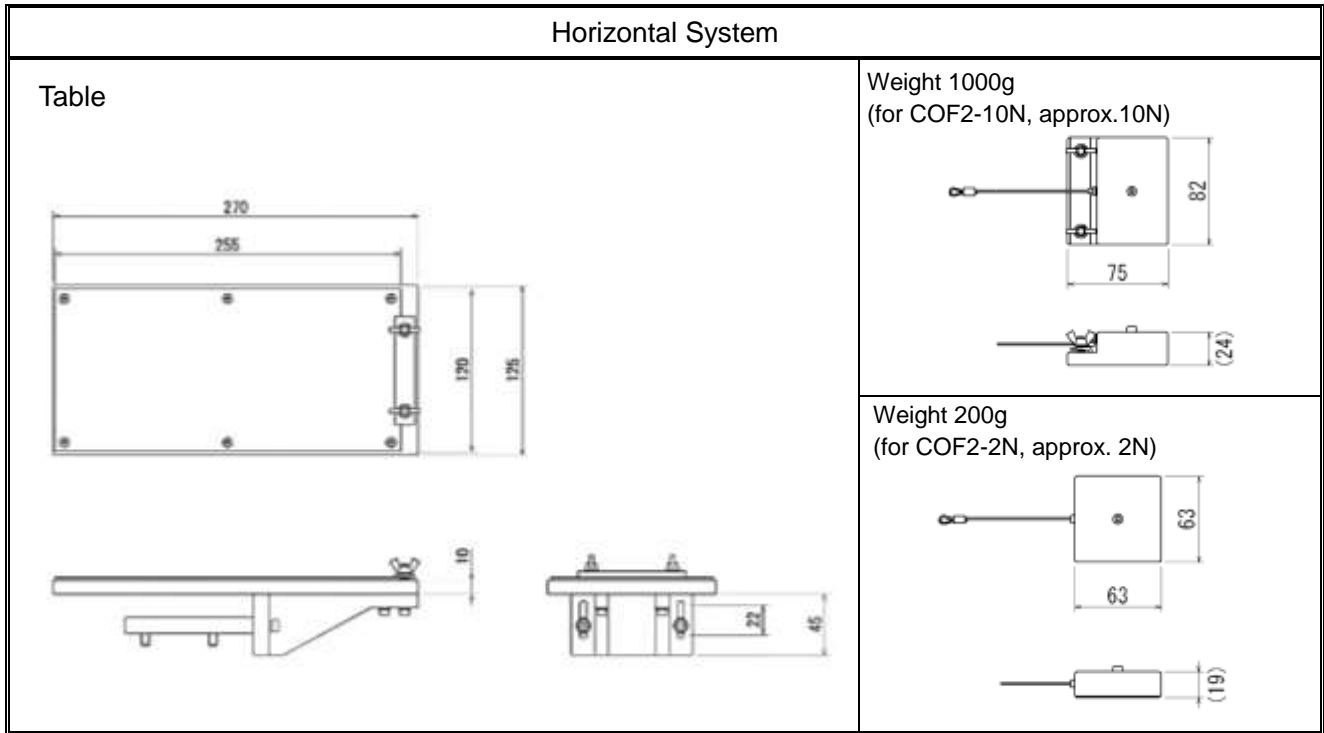
*Please get a contact with us for applying to other test stands.

Recommended Combinations	
Digital Force Gauge	Motorized Test Stand
 <p>ZTS Series *Capacity depends on samples (Capacity should be 50N or less)</p>	 <p>Horizontal Test Stand MH2-500N (For COF2-2N, COF2-10N)</p>
	 <p>Vertical Test Stand MX2-500N (For COF-2N-V, COF-10N-V)</p>

Corresponded JIS: Japanese Industrial Standard		
JIS P8147 (1994)	Paper and board-Determination of the static and kinetic coefficients of friction	COF2-10N COF-10N-V
JIS K7125 (1999)	Plastics - Film and sheeting - Determination of the coefficients of friction	COF2-2N COF-2N-V

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[Dimensions]

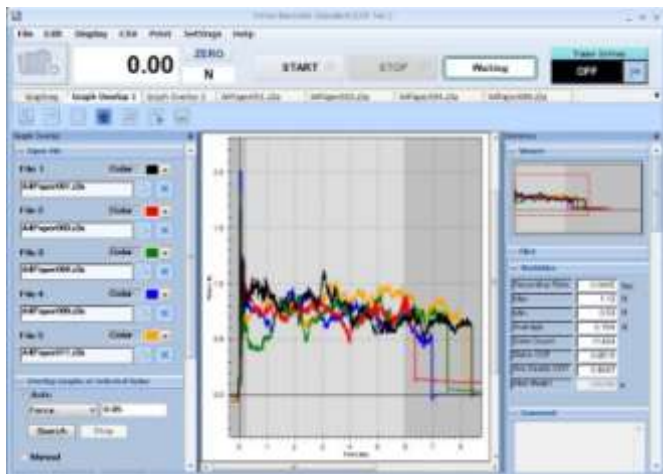


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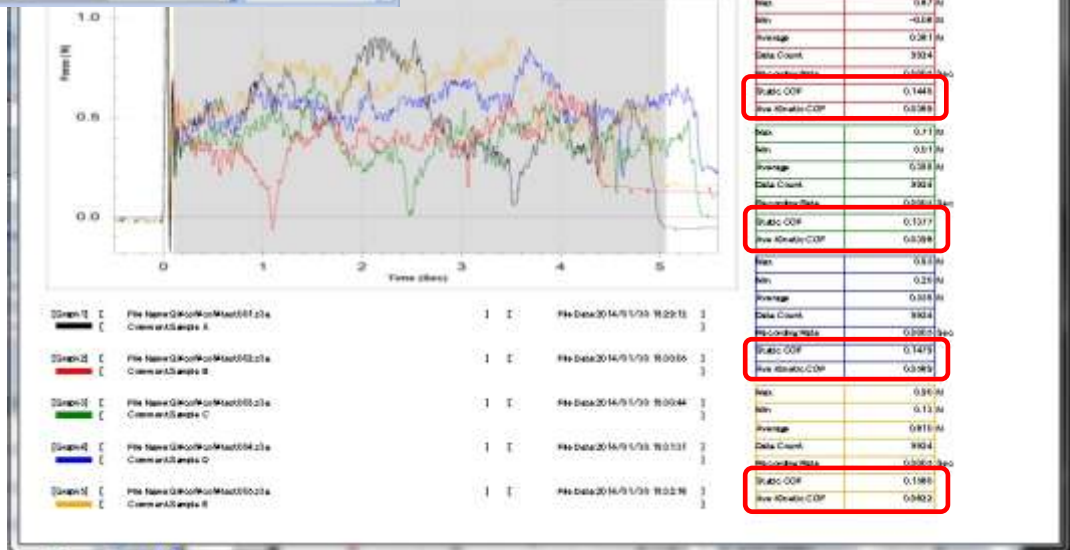
Software Feature and Specification	
Feature	<ul style="list-style-type: none"> - A further analysis is made possible by the transferring system at Max 2000 times per second. - Data can be compared easily and visually on the display. (ex. 5 graphs comparative display.) - Not only can it save graph data but also export data to CSV file and save print preview as Word/Excel/PDF file (please check the image below)
Compatibility	Windows XP/Vista/7(32bit/64bit)/8(32bit/64bit)(*)
Hard ware	CPU : Recommended Pentium4 (1GHz or more) or later Memory : recommended 2GB or more Hard disc : 10GB or more (at data storage area)
Plat form	.NET Framework4 or later
System requirements	Microsoft Internet Explorer 6.0 or later Windows Installer 3.1 or later
Image size	1024 * 768 pixel resolution or more
Compatible force gauge	ZTA/ZTS Series
Connection port	USB1.1、 USB2.0 connector (we do not guarantee operation of USB3.0)

*Windows XP/Vista 64bit version does not match.

After the weight start moving, the included software can capture peak value immediately and draw the load change into a graph during measurement. It is also possible to display coefficient of static friction: μS and average of coefficient of kinetic friction: μD .



Graph comparative display ↑



Print preview display→

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[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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