

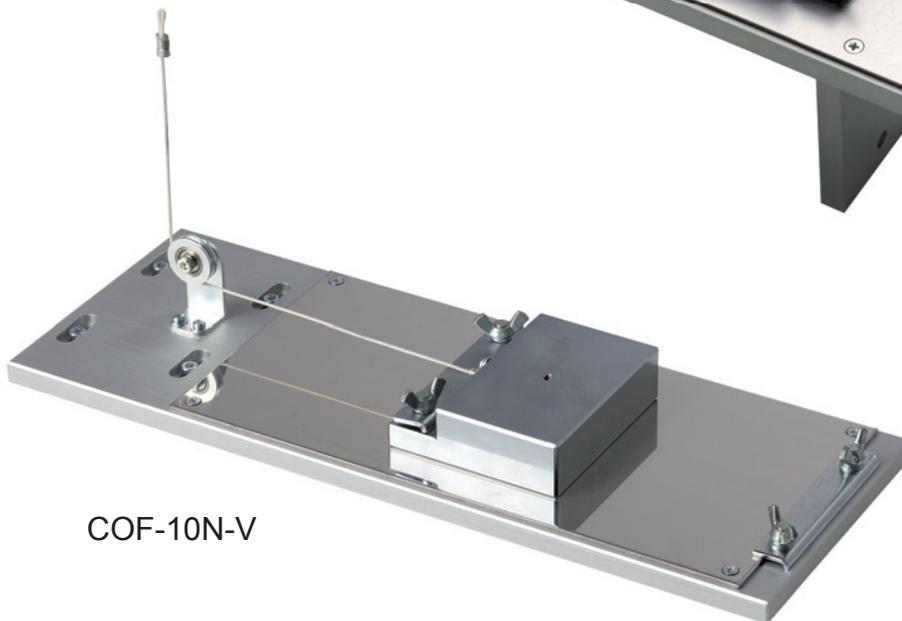
Coefficient of friction tester
models COF-2N, COF-10N, COF-2N-V and COF-10N-V

Suitable for coefficient of friction tests
on paper and foils

COF-10N



COF-10N-V

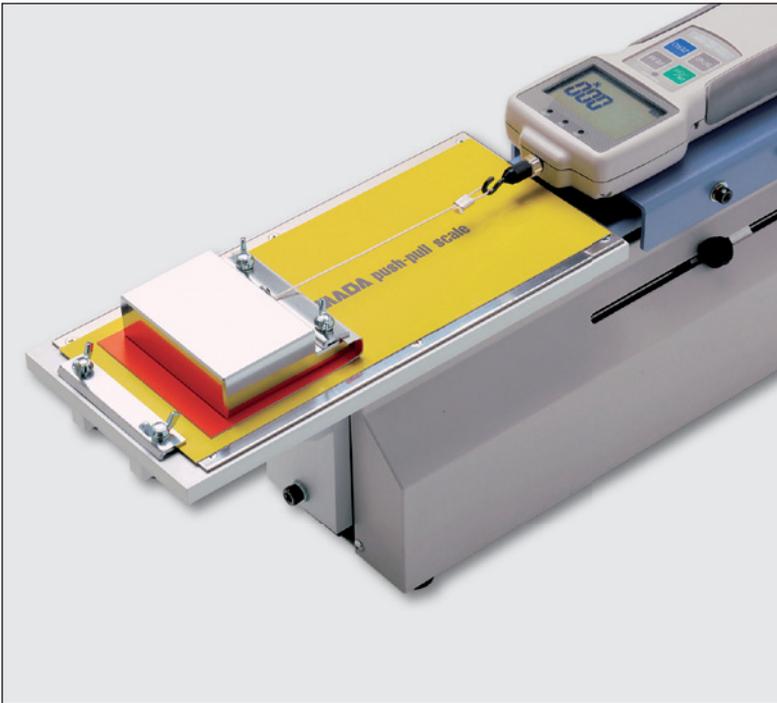


Features

- Test stand and force gauge are sold separately for combined use.
- COF-10N includes a software which can calculate static friction coefficient and dynamical friction coefficient.

Applications

- For determining the static and kinetic friction of paper and foils according JIS P8147 (1994) with COF-10N and COF-10N-V.
- For determining the coefficient of friction of plastic films according JIS PK7125 (1999) with COF-2N and COF-2N-V



Specifications

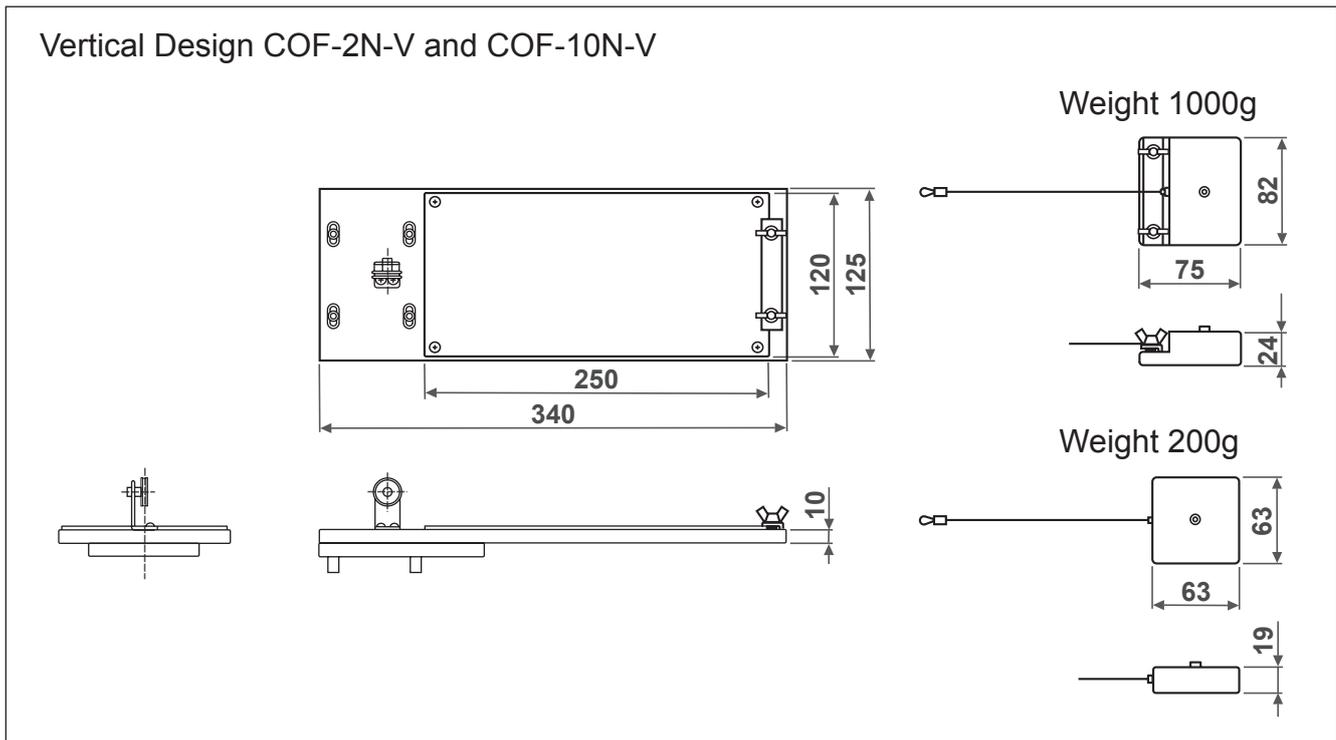
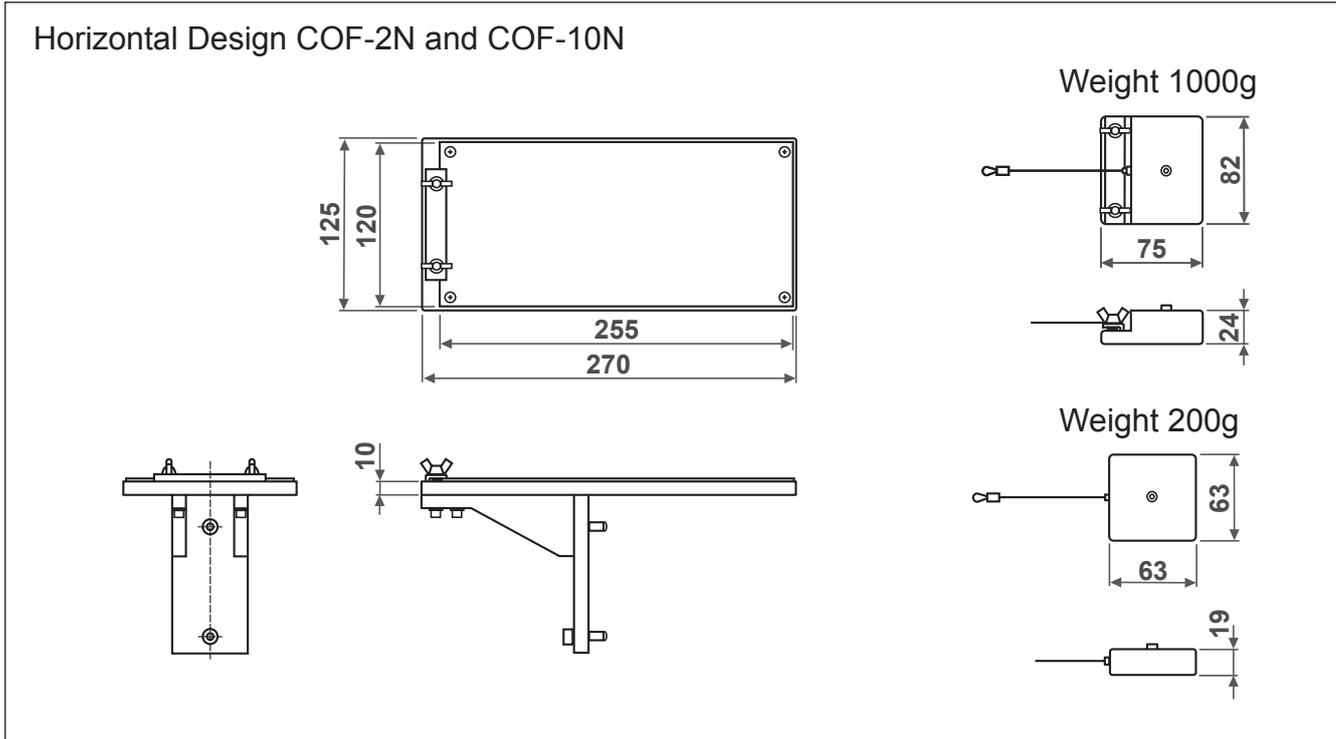
Model	COF-2N	COF-10N	COF-2N-V	COF-10N-V
Pull direction	horizontal		vertical	
Sample width	max. 1.5 mm			
Stroke	max. 150 mm			
Weight	200 g approx. 2 N	1000 g approx. 10 N	200 g approx. 2 N	1000 g approx. 10 N
Table Weight	approx. 1.7 kg		approx. 1.9 kg	
Accessory	Software: ZP-Recorder-COF			
Recommended test preparation	Test stand MH1000N-E Force gauge ZP series up to 50 N		Test stand MX2-500N Force gauge ZP series up to 50 N	
Further possible test stands	ML-1000N-E MH-1000N-E		MX-500N-E, MX-1000N-E, MX2-500N, MX2-1000N, EMX-1000N	

Custom table and weight are available on request.
 Weight can be solely purchased without the table and software.
 200 g weight: COFW-2
 1000g weight: COFW-10

Note

- All information is subject to change without prior notice.
- Some samples may not be able to be gripped depending on materials or shapes.

Dimension

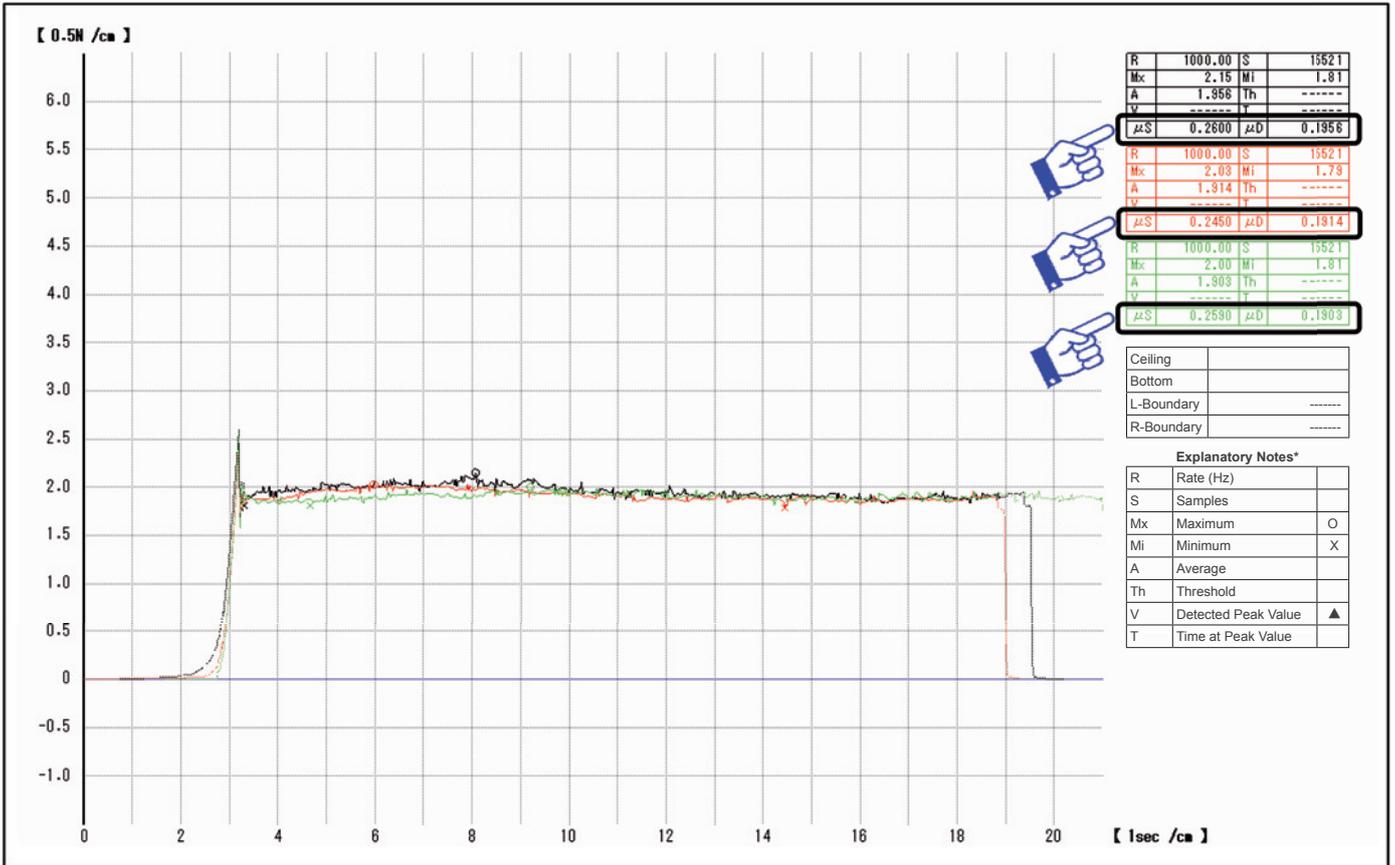


Measurement software of accessories

- Attached software can make a graph of entire measurement.
- This software can also calculate static friction coefficient and dynamical friction coefficient.
(Static coefficient of friction : μS , Dynamical friction coefficient : μD)
- Windows 2000, XP, Vista, 7 (only 32 bit version)

Functions

- Maximum data input rate is 1000 data/sec
- Possible to display 5 graphs in the same chart
- Automatic recording starts at a adjusted value
- Possible to save as excel compatible .csv file (maximum 65531 measured data)
- Saving and printing a chart
- Chart alignment function for chart analysis



graph output sample