

Important: Our products are delivered worldwide with the required software and accessories and also has built in calibration = zero running costs!

A - ForceBoard[™] System: Powerful and highly flexible system for general purpose friction testing, scratch testing, linear wear, abrasion testing and horizontal tear/adhesion testing. It runs automated tests for any number of cycles with adjustable speed and stroke length with data recording capability to Excel format / .csv.

The standard version of ForceBoard Analyzer is included with a ForceBoard System.

B - ForceBoard[™] MultiSystem: ForceBoard[™] MultiSystem is our award winning desktop force testing system in the 0-100N range and allows you to test objects horizontally and vertically for static & dynamic friction, tensile, compression, fatigue, linear wear, scratch and adhesion applications. It runs automatically for any number of cycles, whether it is 1, 10 or 10.000 cycles.

The ForceBoard Multisystem fatigue testing feature can subject test samples both to a set displacement or to a set force. Both the standard and tensile testing versions of ForceBoard Analyzer are included when you buy a MultiSystem.

C - ForceBoard[™] Wear tester: For rotating block on ring and pin on disc testing applications with or without lubrication. Delivered with custom wear testing software. Conduct mass or spring loaded wear testing for any amount of time in a highly flexible wear tester!

D - ForceBoard[™] Tactile Tester: World unique haptic perception and tactile friction tester with built in finger position tracking and full 2D force sensing. Link your test data to subjective sensations and optimize your product!

E - ForceBoard[™] Base Unit: Highly robust and maintenance free OEM unit with full 2D force sensing capability.

info@forceboard.com











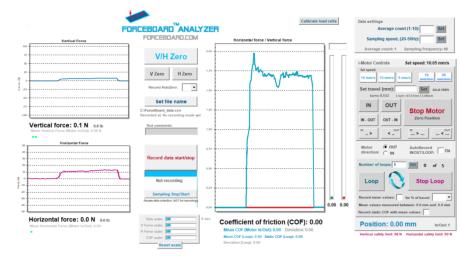


ForceBoard.com

ForceBoard[™] Software options, 3 main configurations (1,2,3)

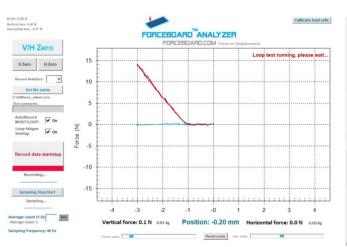
1 - ForceBoard Analyzer standard version, for friction/scratch/linear wear

Used with option A & B



2 - ForceBoard Analyzer force vs displacement version, for tensile/compression/fatigue

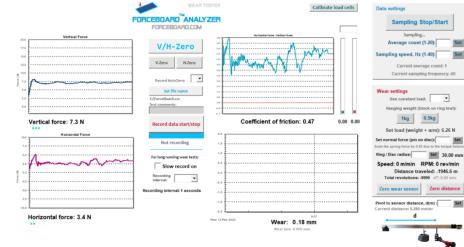
Used with option B



-Motor (Controls	Set speed: 2.50 mm/s
Setspeed:		
10 mm/s	5 mm/s 2	20 10 mm/min mm/min
	el (mm): 3	Set 3.00 mm
IN	OUT	Stop Motor
IN - OUT	OUT - IN	Zero Position / Loops
".,>	<	h
Vertical sa	dety limit: 35 N	4 Horizontal safety limit: 45 N
No of los	ops: 4	Set 3 of 4
Loop	0	Stop Loop
k1: -4.34 N k2: -4.46 N	mm m1 -5.81	N
Set initial di loop/displac test:	rection, (° (ement (°)	DUT In/Out: 0 IN Position: -0.20 mm
Beam data Width:	for displace	Length: Set
Height	Set .	E, bend: 1.224 GPa Pasure modulus for 3-point bending of been
Olanlara a	nent test (n	ote: set the direction first)
Dispiacen	(Newton):	Set 5.0 N
Max force	placement fo	
Find disg max force	e, START te	st Stop Isplacement of: 1.12 mm
Find disg max force	e, START te at sample d est sample	stop

3 - ForceBoard Analyzer
Wear tester version, for
block on ring and pin on
disc wear tests

Used with option C



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