

ForceBoard™ Product options, 4 main configurations (A,B,C,D)

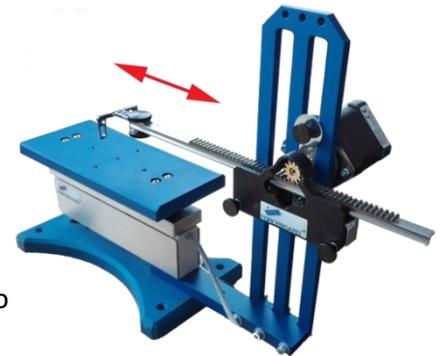
Below is a list of our products and which measurement application they are used for.

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

A - ForceBoard™ Base Unit: Used for **general purpose 2D force testing**, manual **friction** testing, manual **adhesion** testing and **tactile friction** measurements. It can also be used and built into your existing equipment as an OEM 2D force sensor. The standard version withstands forces up to +/- **100N / 22lb** in the vertical direction and forces up to +/- **50N / 11lb** in the horizontal direction and has built in **overload protection**.



B - ForceBoard™ Base Unit with i-Motor & Frame: Used whenever controlled motion testing is needed and is used for **general purpose friction** testing, **scratch** testing, **linear wear**, **abrasion** testing, **horizontal adhesion** testing, **horizontal tensile / compression/ cyclic load / fatigue** testing and can be run for **any number of cycles**, whether it is **10** or **10.000** – it does not matter. You simply set the speed, stroke length (up to 170mm) and number of cycles and start the test via the included **software!**



The **push/pull force** of the i-Motor is up to **100N / 22lb**.

C - ForceBoard™ Base Unit with i-Motor & RigidFrame: Can be used for all the applications mentioned in **B** as well as for **vertical compression / tensile / fatigue / cyclic load / adhesion** testing. The RigidFrame offers you a very stable measurement set-up for all types of tests!



D - ForceBoard™ Wear tester: Used for rotating **block on ring** and **pin on disc** testing with or without **lubrication**. It is also possible to heat your lubricant via heat pads placed underneath the lubrication tray.

The wear tester is a **stand alone system** with its own electronics and cannot be used with options A, B or C.

