UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH
Departament de Ciència i Enginyeria de Materials

***Giselle Ramírez Sandoval***
**Assistant Professor**
Barcelona East School of Engineering (EEBE)
Department of Materials Science and Engineering
Eduard Maristany Av. 16,
08019 Barcelona (Spain)

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**User Feedback for the ForceBoard Wear Tester**

We have successfully integrated the ForceBoard Wear Tester into our academic programs at the Universitat Politècnica de Catalunya (UPC) EEBE, specifically within the classes taught by the Department of Materials Science and Engineering.

This equipment is utilized at both the Undergraduate (Degree) and Master levels to provide students with hands-on experience in material science. In our experience, the equipment is highly versatile and exceptionally easy to use, a characteristic that allows our students to complement the fundamental concepts of tribology, given in theoretical classes, by practice in lab with different materials specimens.

Its user-friendly design and portable nature make it an ideal educational tool for both laboratory environments and desktop demonstrations. For our Master's degree students and those working on Final Degree Projects, the Wear Tester has proven invaluable for diverse research applications. The versatility of the ForceBoard system is one of its greatest strengths, as the modular design allow students to design and attach their own custom holders and fixtures. Students have utilized the system to:

- Evaluate the wear resistance of aluminum alloy coated with epoxy paints.
- Razor blade wear testing
- Analyze the performance of ceramic coatings
- Evaluate the friction coefficients of various ski waxes

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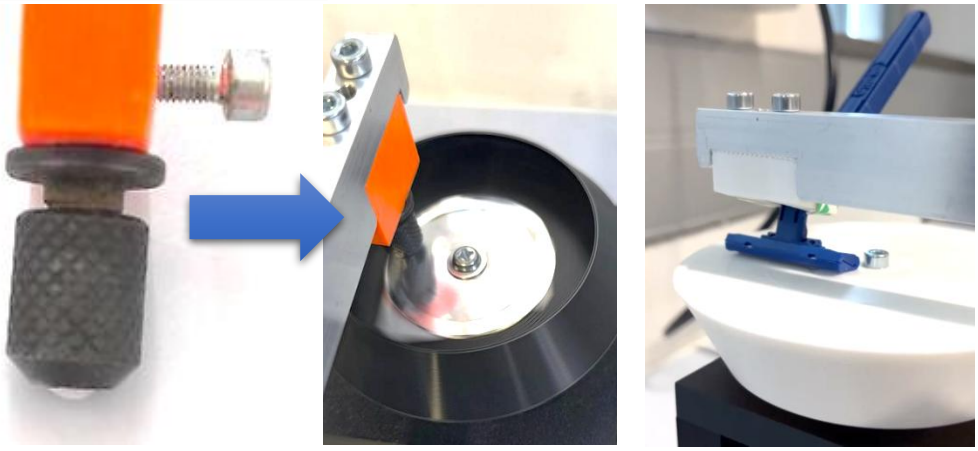

This enables them to select and adjust testing parameters—such as speed and normal force—according to the specific dimensions and requirements of the samples. Summarizing, Wear Tester allows students to independently explore the complex field of friction and wear in the most simple way.

Sincerely,

Giselle Ramírez Sandoval
Assistant Professor
Universitat Politècnica de Catalunya - EEBE
Department of Materials Science and Engineering