



# TRIBOMETER

[ UMT TRIBOLAB ]

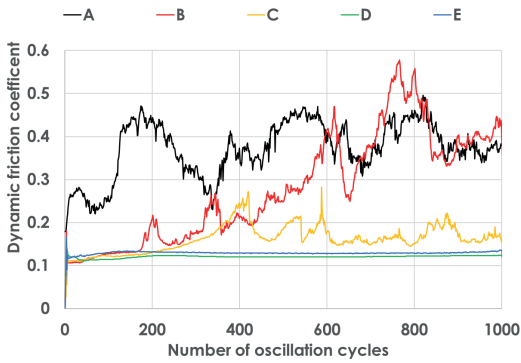
*THE MOST VERSATILE TRIBOMETER ABLE TO CARRY OUT ALL KIND OF TRIBOLOGICAL TESTS  
(SCRATCH TESTS, WEAR TESTS AND FRICTION TESTS) IN THE MOST DIVERSE ENVIRONMENTS.*

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**Centre d'Essais Dynamiques**

Un équipement





**THE UMT TRIBOLAB EXCELS IN PRODUCTION OF VERY PRECISE (NOISE LEVELS VERY LOW) AND REPEATABLE TEST DATA.**

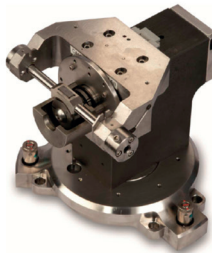
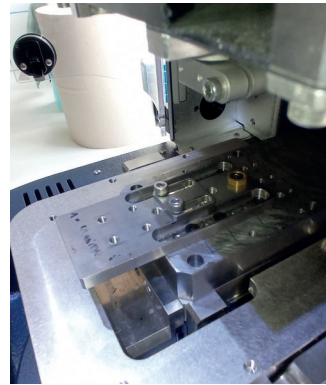
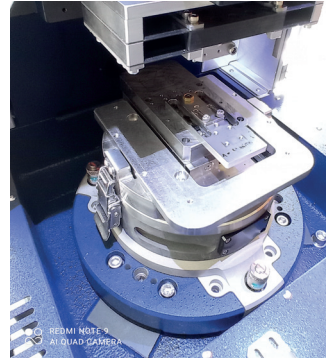
**THE BEST OF THE INDUSTRY !**

## APPLICATIONS

- ▶ Surfaces wear
- ▶ Friction coefficient measurements
- ▶ Greases characterization
- ▶ Oils characterization
- ▶ Comparison of surface treatment
- ▶ Comparison of different materials
- ▶ Optimization of a tribological triplet

## SIMULATION OF PROCESS

- ▶ Reciprocating linear motion
- ▶ Rotation movement
  - From room temperature until 400°C
  - Dry or lubricated contacts



## TECHNICAL CHARACTERISTICS

The tribometer is a device for measuring the tribological characteristics of a rubbing contact (eg coefficient of friction, vibrations induced by friction...).

It incorporates a wide range of operating conditions, for measurements that are increasingly representative of the actual operating conditions of the friction contacts.