

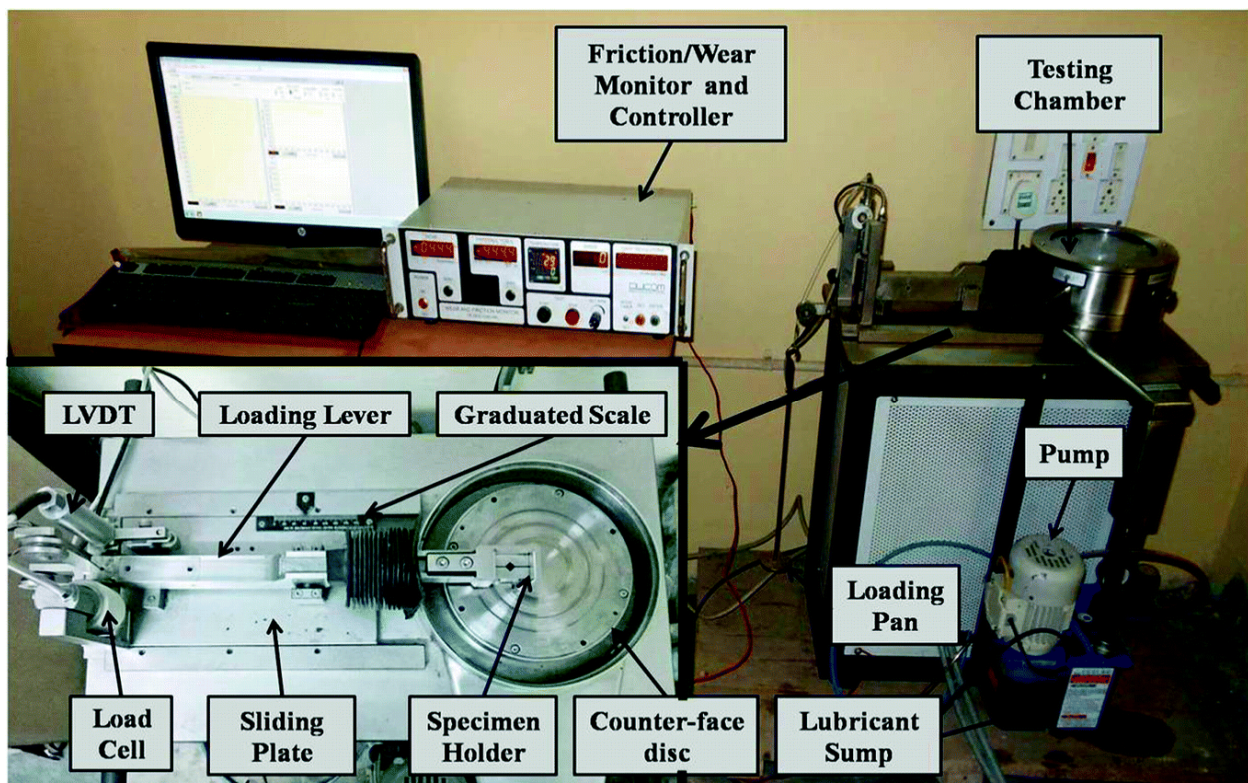
Wear and Friction Monitor

(Model: DUCOM TR-20LE-CHM-600-PHM-400)

The Ducom Pin/Ball on Disk Tribometer is a test instrument designed for accurate and repeatable tribological characterization of bulk materials, coatings and lubricants. Ducom Rotary Tribometer is for real time measurement and analysis of friction and wear behaviour of materials in the form of ball/pin and disk specimens.

Easily changeable holders allow users to quickly change the nature of tribological contact to something that is relevant to their application. Ball/Pin and disk specimens can be tested irrespective of its roughness and hardness. Experiments can be conducted in dry or lubricated condition. In this tribometer, the load, speed and motion are three important variables. The design allows a wide range of load: 2 N to 1000 N, Speeds: 0.3 rpm to 3000 rpm and three different types of wear profiles.

Ducom Rotary Tribometer is a modular system comprising of environment control modules like heating (up to 1000 °C), vacuum (up to 10⁻⁶ Torr) and humidity (up to 80 % RH). Ducom Rotary Tribometer complies with ASTM G99.



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Feel free to call or email if you need any additional informational or if you want a quote for your task.

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