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Product Name:

Drive Unit For Tribological Investigations

Product Code: ENGLABINGCAG6000004



Description:

Drive Unit For Tribological Investigations

Technical Specification:

"Tribology studies friction, wear and lubrication. Lubricants are used to minimise friction and wear. Friction occurs when two solids are in contact with each other and their movement is impeded. If material is lost progressively during this process, it is referred to as wear.

Features:

Electronic measurement of the frictional force between friction partners Base module for studying various cases of sliding and rolling friction

Learning Objectives And Experiments:

Elasto-hydrodynamic behaviour in rolling friction of a sphere against a flat surface

Frictional vibrations and slipstick phenomenon

Pressure distribution in the journal bearing

Wear test: pin against disk

Wear test: friction wheel experiment Together with the experimental units Rolling friction of two disks with slip."



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