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Product Name :
Tribology Trainer Basic Module

Product Code :
LBNY-0005-10300096



Description :

The individual accessory modules are driven using a DC drive motor. The motor is connected to the controller. The rotational speed can be continuously and finely adjusted using a 10-turn potentiometer. The speed is regulated electronically and displayed digitally. Friction forces are measured using strain gauge transducers. The trainer enables different sliding and rolling friction cases to be investigated. The parameters of a tribological system can be assessed during this process. The drive module is the basis for experiments with a range of accessories. Snap-action fasteners for fixing the accessory modules to the frame simplify the rapid assembly and disassembly of the experiments. The unit consists of a sturdy frame made of anodised aluminium section. Rubber feet ensure that the table unit does not slip. The controller processes this data and displays it digitally.

Technical Specification :

Base frame made of anodised aluminium profile
Modular layout as table unit
Basic module for experiments on tribological systems
Rapid assembly due to special fasteners
Operating speed: 0...200rpm, continuous, electronically controlled, 8-digit speed display
Incremental encoder: number of pulses 6/360
Force measurement using strain gauges, 0...50N, 3-digit digital display.

Laboratory Instrument India

