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**Product Name :**  
Thread Efficiency Testing Equipment

**Product Code :**  
LBNY-0005-10100067



**Description :**

This benchtop unit is based on the vertical combination of a threaded spindle and a nut. A spring balance with a nylon cord enables a turning moment to be exercised on the spindle using a pulley. Additional weights can be placed on the rotating plate to change the axial load on the thread. It contains two spindles with trapezoid threads and varying lead. The unit is portable and is equipped with anti-slip feet to ensure that it remains stable. The painted metal base plate is fitted with clips for the individual parts. To match these spindles, three long nuts made of different materials with single lead, and a cast iron nut with a double lead are provided. The thread efficiency can be determined and compared using the measured values.

**Technical Specification :**

Benchtop experiment on thread efficiency with different materials  
Steel plate and 2 additional weights for axial load  
Spring balance, cord and pulley to apply turning moment  
2 trapezoidal threaded spindles with different thread pitches  
4 different nuts.



**Laboratory Instrument India**

