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**Product Name :**  
Cutting Forces During Drilling

**Product Code :**  
LBNY-0005-10900019



**Description :**

The axial force (feed force) and torque occurring during cutting are measured using strain gauge transducers and digitally displayed on the amplifier unit. Investigation of cutting forces during drilling is fundamental to the teaching of cutting techniques. The set-up comprises a transducer, which also holds the specimen being machined, and an amplifier unit with digital displays. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments. The experiments must be conducted in a workshop environment, as a suitable drilling machine is required.

**Technical Specification :**

Strain gauge type measuring transducer.  
Splash-proof stainless steel housing for transducer.  
Strain gauge amplifier with digital displays for axial force and torque.  
Drilling measurement device.  
Measurement of feed force and torque.



**Laboratory Instrument India**

