

Product Name :

Cam Analysis Machine

Product Code :

SLE/ETM/10

**Description :**

- The main part of the product has a precision machined heavy steel base which holds a high-torque direct-drive variable-speed motor.
- The follower fits to the bottom of a vertical shaft running in low-friction linear bearings.
- Include a tool for easy changeover of a choice of two followers.
- The motor shaft connects through a coupling to the main shaft which then passes into the cam test area.
- Self-aligning heavy-duty bearings support the shaft which has a substantial flywheel.
- The flywheel reduces speed variations as the torque demand changes during the cam rotation cycle.
- Students may also fit one of a choice of two compression springs and adjust their preload.
- These add to the mass of the follower and vertical shaft pushing the follower onto the cam face.
- Students may also add different masses to alter the mass of the follower and thus the force applied to the cam.
- The selection of springs, followers and cams allow for a wide range of investigations.
- The cam under test fits to the end of the main shaft, accurately mounted both axially and radially to ensure repeatability.

Contact Science Lab for your Educational School Science Lab Equipments. We are best educational scientific lab equipments, educational scientific labs equipments, engineering educational equipments, engineering educational equipments in india, engineering educational lab equipments, engineering equipments suppliers.