

**Product Name :**

Thin Cylinder

**Product Code :**

SLE/ETP/14

**Description :**

- A bench mounting apparatus to allow the stresses and strains of a pressurised thin walled cylinder to be investigated and analysed.
- The apparatus consists of a thin-walled aluminium cylinder, held in a robust frame.
- The frame holds the cylinder so that it is free to move along its axis.
- The cylinder contains oil.
- To stress the cylinder, students use the hydraulic handpump to pressurise the oil.
- Strain gauges on the cylinder surface measure strain, while a gauge and electronic sensor measure hydraulic pressure.

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