



Email : sales@scilabexport.com

Phone: +91-7082934803

Product Name :

Unsymmetrical Bending and Shear Centre

Product Code :

SLE/EG/14



Description :

- For shear centre tests, a chuck clamps the 'U' section beam.
- A plate clamped to the free end allows various off set loads to twist the beam.
- For the symmetrical and non-symmetrical tests, a chuck clamps a beam while allowing rotation on its axis and allowing loads to be applied at various angles.
- This product includes a Vernier caliper for accurate measurements of the beam cross-sections.
- Load applied at the free end produce resulting deflections, measured by a pair of precision indicators.
- These may be compared to those for the arbitrary section axes and the values calculated by textbook beam equations.
- This helps to confirm the reliability of the textbook equations and the accuracy of the experiment results.
- Students plot their results on a Mohr's circle which allows them to find the experimental Principal Second Moments of Area and position of the principal axes.
- The deflection indicators have their own displays, but they can connect to the USB interface hub of the Structures platform for computer display and data acquisition.

Contact Science Lab for your Educational School Science Lab Equipments. We are best educational lab instruments, educational lab instruments exporter, educational lab instruments manufacturer, educational lab instruments supplier, educational laboratory equipment manufacturers, educational laboratory glassware exporter.

Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana