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Product Name :
Strut Buckling Unit

Product Code :
LBNY-0005-13100038



Description :

The unit allows to study the buckling of pieces of different lengths, ranging from 300 mm. to 625 mm, to which different support conditions can be applied:

Rigidly fixed end conditions.

Pin-jointed end conditions.

One end pinned and the other fixed.

To measure the compression force exerted on the structure, there is a system composed of an elastic ring whose deformation is measured.

The compression force will be directly proportional to the deformation registered in a dial gauge.

To carry out the practical exercises correctly, it is very important to apply the force with an only axial component.

For that purpose, the unit has a differential screw placed at one end, which allows the system compression.

Technical Specification :

Strut Buckling Unit



Laboratory Instrument India

