



Email : sales@laboratoryinstrumentindia.com

Product Name :
Simple Stability Problems Study Unit

Product Code :
LBNY-0005-13100021



Description :

Two-part buckling bar with a central elastic joint:
The support of the two parts is pinned-pinned (articulated-articulated).
Length: 550 mm (length of each part: 275 mm).
Cross-section: 20 x 20 mm.
Device to apply compressive load:
Compressive force range: 25-125N.
Load application lever with scale, lever ratio: 1:2-1:5.

Technical Specification :

Device to apply shear force:
Deflection roller to hold a weight holder and a set of weights.
Shear force: 0-20N.
Elastic clamp fixing to represent a fixed end support:
It is formed by a steel leaf spring.
Elasticity modulus: 210000 N/mm .
Cross-section: 10 x 2 mm.
Length: 550 mm.
Elastic joint:
Spring rigidity: 2.2 N/mm
It is formed by two tension springs and a lever arm.



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