

Product Name :
Funicular Polygon and Forces Apparatus

Product Code :
ALABS-A189-022



Description :

Funicular Polygon and Forces Apparatus

- Effective teaching
- Self-contained, bench mounted
- Direct measurement of forces
- Adjustable lines of action of forces
- Practical verification of triangle of forces, polygon of forces and link polygon
- Demonstrates equilibrium of forces at a point, applied to various points round a disc or acting on a rectangular lamina
- Concurrent & Non-concurrent coplanar forces

Experimental Capabilities:

- To resolve by experiment any suitable system of static coplanar forces which may or may not be concurrent

- To verify graphically using:
 - a) triangle of forces for three concurrent coplanar forces
 - b) polygon of forces for more than three concurrent coplanar forces
 - c) link polygon for three or more non-concurrent coplanar forces
- To investigate (c) for either a disc or a rectangular shape
- To compare the accuracy of the experiment by comparing the experimental and graphical results



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