

Product Name :
Astra Scientific Whitworth Quick Return Apparatus

Product Code :
DynamicsLab0015



Description :

Astra Scientific Whitworth Quick Return Apparatus

Technical Specification :

The Educational Whitworth's quick return is used to generate uneven reciprocating motion with slow feed and quick return. This table model clearly demonstrates the transmission behavior of such a layout. The input angle is set by turning the crank. The output stroke is read on a ruler on the slider. The transmission components are manufactured in aluminum. All axles are equipped with ball bearings. Due to its low weight, the unit is easy to carry using the two handles.

FEATURES:

- Output stroke of Whitworth's quick return as a function of the input angle of the drive crank
- Operated: Manually (Through a Crank Handle)
- Equipment Layout: On Base
- Fine finish
- Simple operations

- Functional accuracy

SPECIFICATIONS:

- Bench top experiment on the uneven reciprocating motion of Whitworth's quick return
- Crank radius 46mm, slider radius 55mm, connecting rod length 145mm
- Slider crank and connecting rod mounted on ball bearings
- The properly constructed model is hand Operated,
- Sturdiness
- Corrosion-resistance
- Enhanced durability



Astra Scientific

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