



SCOTCH YOKE MECHANISM

RM 230

Description:

The Scotch yoke or Crank slider, unlike a normal crank mechanism, generates a purely harmonic stroke movement. Presented unit is used to generate and study purely harmonic stroke movements. It is composed of a rotating crank disk, connecting rod and fixed cylinder. The connecting rod is connected to the crank disk on one side via a crank. Changing the position of the crank on the crank disk adjusts the crank radius in three positions. At the other end, the connecting rod is connected to the fixed cylinder. The angle is adjusted using the crank disk, and an angle scale is integrated into the base plate.

Specifications:

- Adjustment of the crank radius at three positions of the connecting rod on the crank disk
- Protractors and ruler
- Electrical DC motor
- Installation and training video included
- Instructions manual included
- 10-year warranty

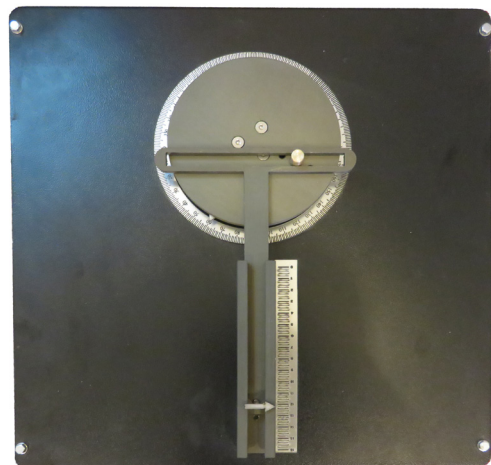
Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigation of a Scotch yoke
2. Observing purely harmonic movement
3. Investigating governing equation of Scotch yoke

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature ($^{\circ}\text{C}$): 10-30
- Relative Humidity: 15% - 80%
- Table





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Dimensions (L*W*H) mm: 400×400×350

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