

MEE 31 Order Code -22235575.4.31 Friction of Belts Apparatus



Description:

This wall-mounted apparatus is designed for educational and experimental purposes to analyze the relationships between belt tensions and friction. It provides a comprehensive setup for comparing different belt types and their performance.

Features:

- Apparatus Components:
 - **Pulley:** Aluminium alloy with an approximate diameter of 150 mm. The pulley is equipped with machined grooves to accommodate three types of belts and is graduated in 15-degree intervals.
 - **Belts:** Includes three belt types—vee, rope, and flat.
 - **Load Hangers:** Two load hangers are included for applying weights.
 - **Set of Weights:** Supplied separately for experimentation.
 - **Instruction Manual:** Provides detailed guidance for students and lecturers.

Specifications:

- Dimensions (excluding weights): 230 x 150 x 280 mm
- Weight (excluding weights): Approx. 10 kg

Applications:

- Observing the relationship between the tensions on either side of a belt.
- Assessing and comparing the performance of vee, rope, and flat belts.
- Determining the coefficient of friction between the pulley and each of the three belt sections.
- Investigating the effect of the angle of lap on belt performance.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

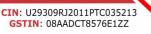
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Tesca Technologies Pvt. Ltd.

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