

Product Name :
Cam Analysis Machine

Product Code :
NEGEMG172



Description :

Cam Analysis Machine

Technical Specification :

Cam Analysis Machine Lab - This equipment is designed to study cam and follower system & plot the cam profile using angular scale and dial gauge. The setup consists of set of 3 cams & followers. Each cam & follower can be easily mounted on the motor shaft. In order to draw the cam profile, a dial gauge is provided to measure the displacement. By using an optional stroboscope, cam jump phenomenon can be visualized.

Experimental Capabilities: • To plot cam profile
• To study cam jump & effects of springs & follower weight on jump speed
• Cam jump can be observed by using a stroboscope. (Optional)

Technical Specifications: • Set of Cams & Followers: - Tangent cam with roller follower, - Eccentric cam with Knife edge follower, - Circular Arc cam with Mushroom follower. • Springs: Helical Springs - 2 nos of different

stiffness. • Dead Weights: 1 Kg., 500 gm, 250 gm.1 Each • Motor: 0.5 hp
D.C motor, 0-1500 RPM. With speed control unit. • Dial Gauge: 0.01 -
10mmr ange • Stroboscope (Optional)

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