



Product Code . EL-EELE-11383

Static & Dynamic Balancing Apparatus

Description

Static & Dynamic Balancing Apparatus

The apparatus consists of a stainless steel shaft fixed in a rectangular frame. For static balancing, each block is individually clamped on shaft and its relative weight is found out using cord and container system in terms of number of steel balls. The system is provided with angular and longitudinal scales and is suspended with chains for dynamic balancing. The block are clamped on shaft is rotated by a motor to check dynamic balance of the system. A set of four blocks with a clamping arrangement is provided. The apparatus consists of a stainless steel shaft fixed in a rectangular frame. For dynamic balancing, a moment polygon is drawn using relative weights and angular and axial position of blocks is determined.

Technical Details:-

- Drive Motor: FHP Motor, variable speed, with speed controller.
- Balancing weight: 4 Nos. of Stainless Steel with different sized eccentric mass for varying unbalance.
- Rotating Shaft: Material Stainless Steel.

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