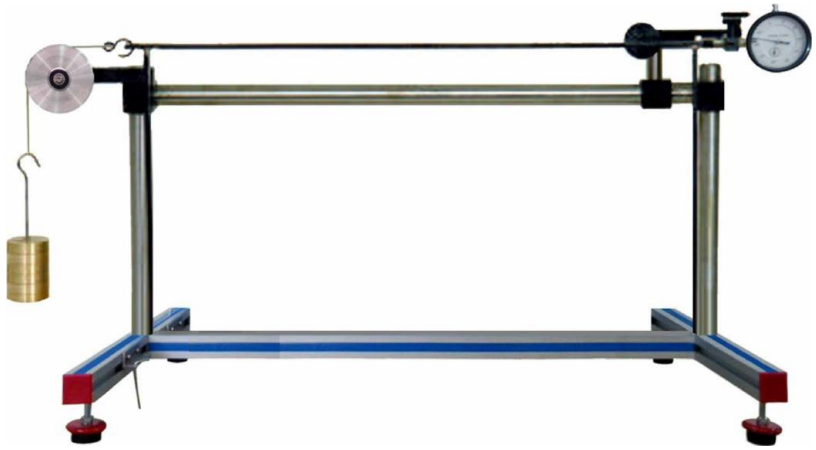
KSM-052 **PORTAL FRAME**



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The **Portal Frame Unit Model KSM-052** is designed to measure the deflection at the load point of a rectangular portal frame subjected to both horizontal and vertical loads. The system consists of a frame fixed to a rigid base, with loads applied via mass hangers and a range of weights. Horizontal and vertical deflections of the frame are measured using dial gauges.

Specifications

- Anodized aluminum and steel structure
- Steel portal frame
- Dial Gauge:
  - Range: 0–10 mm (0–0.4 inches)
  - Accuracy: 0.01 mm (0.0004 inches)
- Cord with hook
- Hanger included
- Requires set of "B type" weights for some experiments with Portal Frame Unit Model KSM-052
- Supplied with manuals for:
  - Required Services
  - Assembly and Installation
  - Starting-up
  - Security Guidelines
  - Maintenance and Practices Manual

Experiment Possibilities

- Measure the deflection at the load point for a rectangular portal frame subjected to a vertical load
- Measure the deflection at the load point for a rectangular portal frame subjected to a horizontal load
- Compare theoretical deflection results with experimental outcomes

Required Accessories

- 6 weights of 200g
- 6 weights of 100g
- 2 weights of 50g
- 2 weights of 20g
- 2 weights of 10g
- 1 support hook of 100g

Note: Specifications and Photos can be altered without prior notice in our constant efforts for improvement.