



ROTATIONAL FATIGUE TEST

RS 047

Description:

Fatigue is one of the most important parameters of designing industrial parts which experience periodic loads. Periodic loads gradually cause some small cracks in the parts, leading to fracture as these cracks grow. This machine allows users to examine rotational fatigue by exerting periodic bending load and rotating the specimen.

Specifications:

- Loading using weights and a weight hanger
- Electromotor
- Limit Switch
- Revolution sensor
- Bearing setup to attach the shaft to the specimen
- Brass and aluminum specimens
- Transparent protection for the safety of the moving parts
- Control and switch panel with all the digital indicators and the other equipment
- Carbon steel frame
- Installation and training video included
- Instructions manual included
- 10-year warranty
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Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating the fatigue life of the specimens under periodic bending loads
2. Determining the fatigue limit of metals
3. Examining the effect of material of the specimens on fatigue

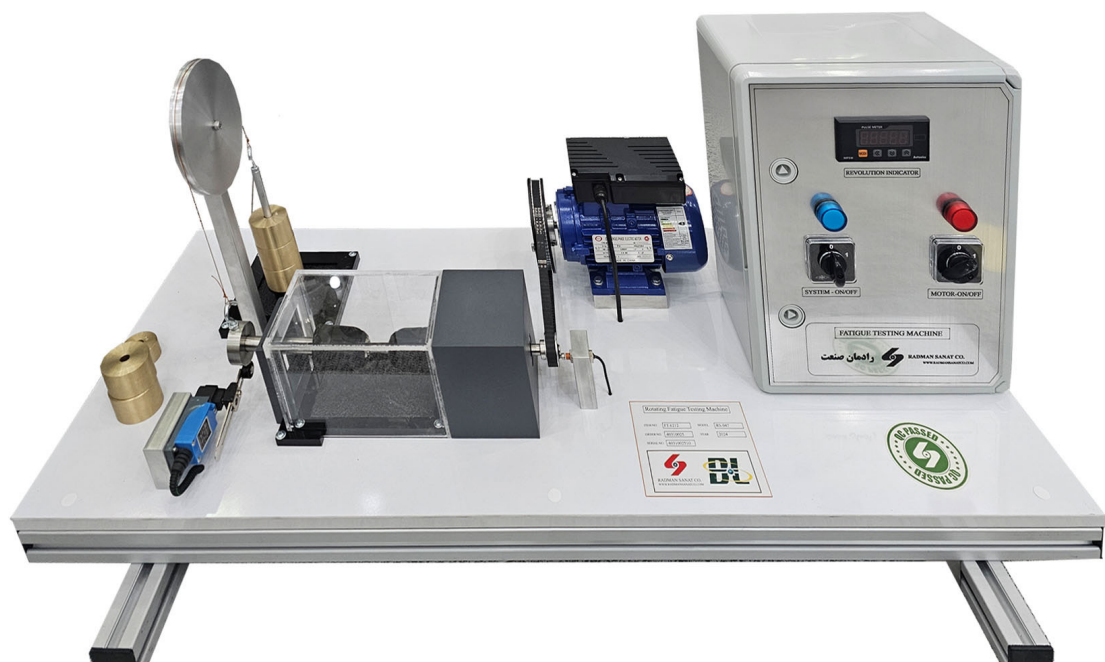
Required For Operation:

- 220 v Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm:1000 x 600 x 500

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