



STRESS DEMONSTRATION THROUGH PHOTOELASTICITY

RS 244

Description:

One of the practical methods of stress analysis is through the use of photo elasticity; this method is performed by shining the light on polarized filters and through the specimen. Depending on the type of the light being used, e.g. Ultra-violet or monochromatic, colored or black and white stress contour are produced on an analyzer plane with the help of which critical locations that have the maximum stress can be determined visually.

Specifications:

- Polarizing filters for polarizer and analyzers
- Fluorescent light source, bubble lamp and sodium vapor lamp
- Movable filters
- Transparent specimens
- frame for clamping and loading the models
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Experimental observation of stress concentrations
2. Experimental observation of strain distribution
3. Observe the effect of changing the type of light on the stress distribution quality

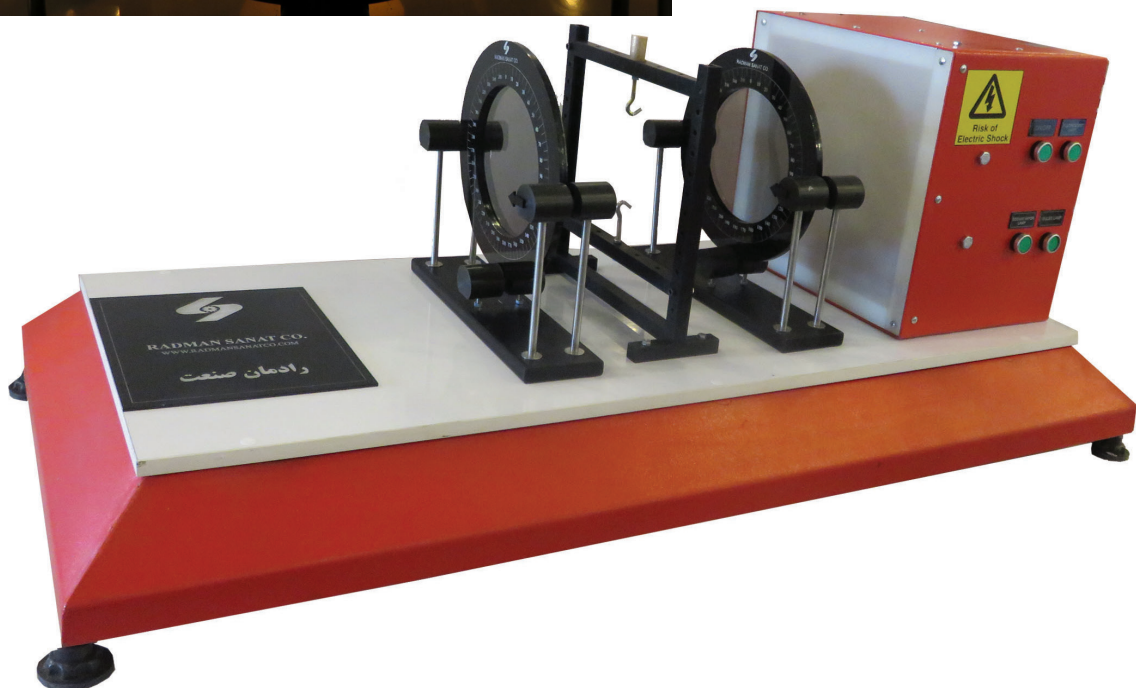
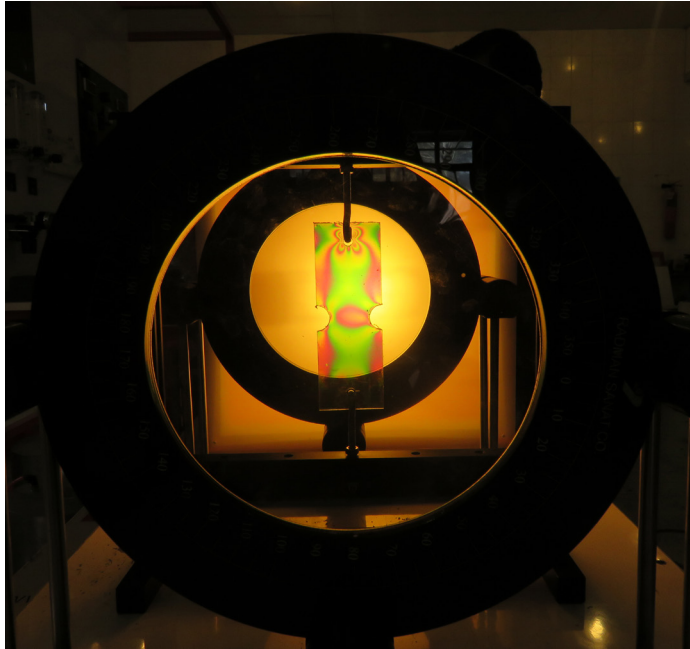
Required For Operation:

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



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Dimensions (L*W*H) mm: 1200 x 500 x 600

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