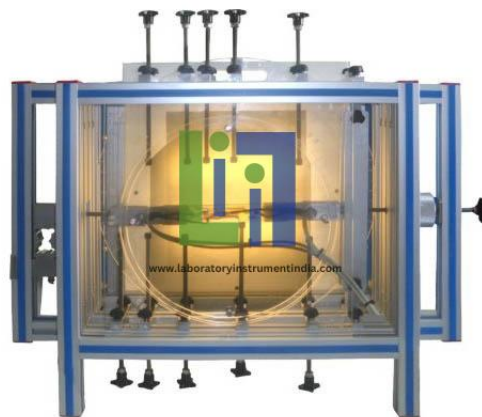




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Photoelasticity Unit

**Product Code :**  
LBNY-0005-13100023



**Description :**

Using this unit photoelastic experiments and practices of transparent test specimens (models) may be performed.

Unit for photoelasticity practices, illustrating the subjects of the Photoelasticity theory, the Elasticity theory, Strength of Materials, and Structure theory.

The different test specimens are subjected to loading by external forces and have polarised light shone through them.

A load application element can apply tensile, bending, compressive, and distributed and punctual loads to the specimen.

It is very suitable for the introduction and study of photoelasticity: optical elements, isochromatic, isoclinic, band order, band factor, edge tensionsing, etc.

The stresses and strains occurring in the test specimen are represented as bright spots or figures of different colours, and we can visualise the distribution of stress.

**Technical Specification :**

Photoelasticity Unit



**Laboratory Instrument India**

