

FL 200.02

Model arch



Learning objectives/experiments

- with FL 200 Photoelastic experiments with a transmission polariscope: generate plane stress states in a model under compressive load

Specification

- [1] ready-made model for the representation of mechanical stress sequences
- [2] model for compression tests
- [3] support for model pick-up, bracket for initiating the load
- [4] accessory for FL 200 Photoelastic experiments with a transmission polariscope

Technical data

1 model
Material: polycarbonate (PC)

model: 235x10x50mm

Scope of delivery

- 1 model
- 1 set of accessories

Description

■ generate plane stress states in a model under compressive load

This model is used for the representation of mechanical stresses under compressive load. The model is available as an accessory for FL 200 Photoelastic experiments with a transmission polariscope.

The model is made from polycarbonate, which is available in plate form. A carefully manufactured model plate can be used practically an unlimited number of times for qualitative demonstration purposes if handled properly.

In addition to the model, the scope of delivery includes a support for the model as well as a bracket for initiating the load. The model can be attached quickly within the frame of FL 200.

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Required accessories

FL 200 Photoelastic experiments with a transmission polariscope