

FL 200.06

Model stresses on weld seams



Learning objectives/experiments

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

Specification

- [1] ready-made model for the representation of mechanical stress sequences
- [2] model for bending experiment
- [3] accessory for FL 200 Photoelastic experiments with a transmission polariscope

Technical data

1 model
Material: polycarbonate (PC)

model: 450x10x142mm

Scope of delivery

- 1 model
- 1 set of accessories

Description

■ generate plane stress states in a model under pressure load

This model is used for the representation of mechanical stresses under bending 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 accessories for installation. 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