Instruction sheet 554 838

Film Holder X-ray (554 838)

1 Description
The film holder X-ray enables you to precisely position X-ray films in the experiment chamber of the X-ray apparatus (554 81) for transillumination, Laue and Debye-Scherrer experiments.

2 Scope of supply
1 Film holder
1 Experiment rail
1 Pinhole diaphragm

3 Dimensions
Film holder: 12 cm × 16.5 cm
Experiment rail: 25 cm × 16 cm × 6 cm
Diameter of pinhole diaphragm: 1 mm

4 Suitable X-ray films
X-ray film (554 895) 40 mm × 30 mm
or
AGFA STRUCTURIX D7 with developer G 128 and fixer G 328 9 cm × 12 cm

5 Using the film holder
- Place the pinhole diaphragm on the collimator of the X-ray apparatus (554 81).
- Remove the goniometer (554 83) or the plate capacitor X-ray (554 838) if these are still mounted.
- Insert the mounting plugs of the experiment rail into the mounting sockets in the experiment chamber of the X-ray apparatus (554 81).
- Position the X-ray film on the film holder using the scale and use the spring clips to hold it in place.
- Clamp the film holder on the experiment rail at the desired distance from the pinhole diaphragm.

1 Film holder
clamp rider (1a), spring clip (1b), scale (1c)
2 Experiment rail
Millimeter scale (2a), 4-mm mounting plugs (2b)
3 Pinhole diaphragm