

DEMO advanced physics set: Geometrical Optics on the optical bench

Article no: 15560-88



Function and Applications

This demo set contains the following 5 teacher experiments on geometric optics on the profile bank:

- Determination of the focal length of converging lenses
- Determination of the focal length of diverging lenses
- Creation of images using a condenser lens
- The pinhole camera
- The microscope

Benefits

- All relevant DEMO experiments on geometric optics in one set
- Bright and focusable LED light
- Stable optical bench
- Easy set-up
- Convenient placement of all components in a sturdy aluminum case
- Foam insert for quick inspection

Scope of delivery

Optical profile-bench, l = 1000 mm	08370-00	1
Slide mount for optical bench	09822-00	2
Mount with scale on slide mount	09823-00	2
Diaphragm holder, attachable	11604-09	2
Object -L-, glass bead	11609-00	1
Measuring tape, l = 2 m	09936-00	1
Diaphragms, d 1, 2, 3, 5 mm	09815-00	1
Screen, metal, 300 x 300 mm	08062-00	1
Ruler, plastic, 200 mm	09937-01	1
Lens on slide mount, f=+50mm	09820-01	1
Diaphragm with hole, d=20mm	09816-01	1
Slide -Emperor Maximilian-	82140-00	1
Experimental lamp LED HEX 1	08130-99	1
Screen, white, 150x150 mm	09826-00	1
Lens on slide mount, f=+100mm	09820-02	1
Lens on slide mount, f= -50mm	09820-06	1
Lens on slide mount, f=+300mm	09820-04	1
Foam insert for soil examination set	30836-25	1

Recommended accessories

Moveable experimental table 90 x 75 cm, 30 mm table top with PP edge, with shelf for 3 boxes and socket board	15500-00
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