

Laser protection housing for small parts

Accessories for stationary use of the laser head

Application

- Our product portfolio includes a standard laser protection housing as an add-on to the mobile laser and to accommodate the laser head
- The parts to be labeled are placed on an electrical lifting table and aligned with a red light laser
- A red light focus laser helps to position the parts to be marked in the correct focal plane
- The marking takes place in a closed, safety-monitored housing of laser protection class 1
- The laser protection housing contains a positioning laser, focus indicator and a connection to an extraction and filter unit (optional)

Technical data

- Nominal voltage: 230 V AC 50 / 60 Hz
- Dimensions
 - Footprint: 670 mm x 670 mm
 - Height: 920 mm
- Weight: approx. 30 kg
- Processing Space (max. L x W x H):
528 mm x 528 mm x 340 mm
- Maximum marking field:
260 x 210 mm (f = 420 mm)
- Load capacity of the vertical axis – static: 50 kg
- Load capacity of the vertical axis – dynamic: 10 kg
- Environmental parameters
 - Ambient temperature: 15 °C to 35 °C
 - Humidity: 10 % to 80 % non-condensing

Maximum marking field

- f = 160 mm: 120 x 100 mm elliptical / 100 x 80 rectangular
- f = 254 mm: 150 x 130 mm elliptical / 130 x 110 rectangular
- f = 350 mm: 240 x 200 mm elliptical / 200 x 160 rectangular
- f = 420 mm: 290 x 260 mm elliptical / 260 x 210 rectangular

Maximum component height

- 340 mm
- 235 mm
- 130 mm
- 40 mm

