



**Play value**  
In its simplest form, a periscope consists of a tube with mirrors at each end. Light beams running at right angles to the tube are deflected into the tube by the mirror at one end. At the other end the light beams leave the tube offset parallel to the original direction of entry. A user looking into the lower opening of a periscope will have the feeling they are viewing the surroundings from a higher position. The mirrors are positioned at a 45° angle to the entering and exiting light beam, resulting in a rectangular deflection. The upper part is pivoted and can be rotated by 360°.

- Recommended for**
- School children
  - Young people
  - Adults
  - Older people
  - Public play areas without supervision, such as playgrounds, parks or similar

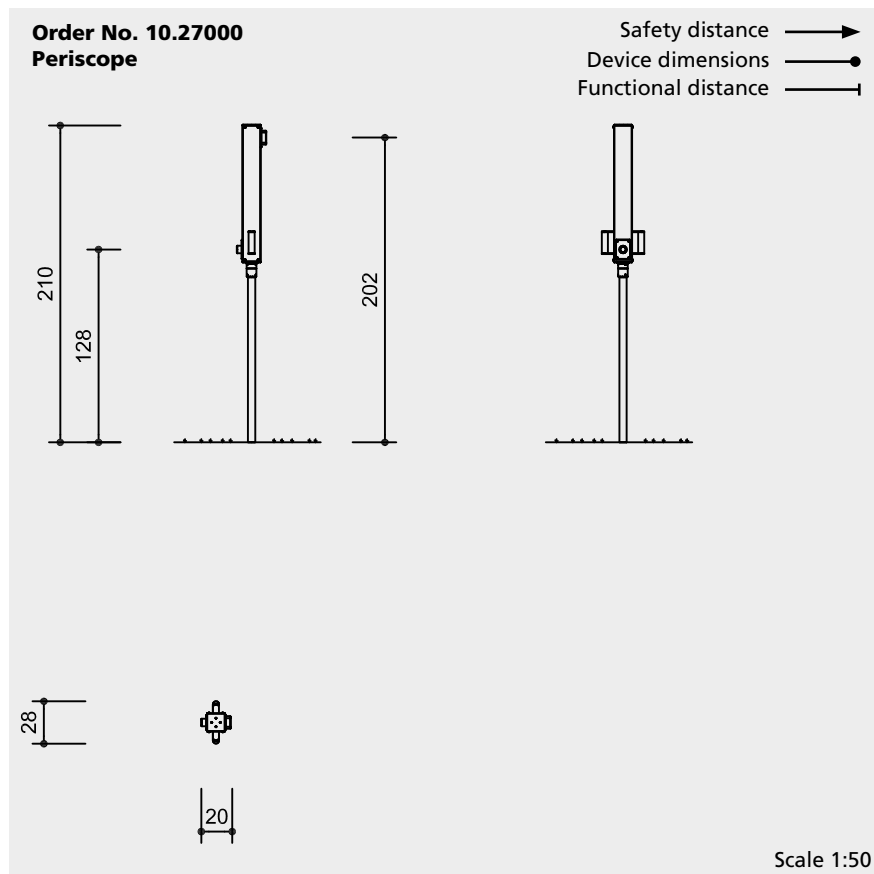


Vandalism	slightly vulnerable
Supervision	not necessary
Explanation Board	not necessary
Installation	indoors & outdoors
Safety check (DIN EN 1176)	not necessary
Installation in concrete	possible

**Periscope**  
*graubner* Play Stations  
for Developing the Senses



10.27000



## Technical information

Equipment made of stainless steel

### Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



**For more detailed explanation of the quality characteristics see price list.**

Handles made of black plastic

Upper part pivoted, rotatable by 360°, deflection of entering light through integrated mirror sheets

Openings for entering and exiting light beams made of aluminium eloxadized

### Dimensions

(small deviations possible)

Total height	2.10 m
Height of ocular	1.28 m
Top opening	2.02 m
Length	0.20 m
Width	0.28 m
Weight	40 kg

### Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. However, it is complied with where appropriate.

## Components

1 Periscope

### Trademark

30 2005 500 000 Germany  
40-0682207 South Korea

Explanation board on request

## Installation information

Surfacing requirements  
no requirements

Recommended space  
Including safety distances  
Circle diameter 300 cm

We recommend installing the periscope in front of an elevated object (mound, wooden fence, boulder or the like) with a height of approx. 1.50 m to 1.80 m in order to increase the play value.

Foundations  
1 item 40 x 40 x 40 cm  
Excavation 60 cm

### Attention:

**Exact measurements may vary;  
for all installation dimensions refer  
to current assembly instructions.**

Technical changes reserved.



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