

Play value

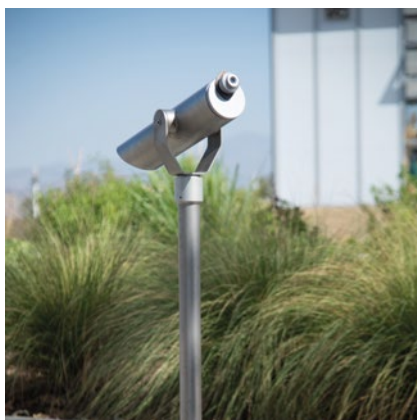
Originally, in Greek, **Kaleidoscope** meant „beautiful picture viewer“. It is fascinating seeing the images created by the Kaleidoscope. Symmetry as a word and a concept - the basic pattern of perception - becomes visible by the images created by the axis of reflection. This reflection causes moving, transparent small coloured parts meet each other from two sides. This symmetry is visually not only simple duplication, but increases the impression of a whole new and complete figure. This wholeness is the open secret. The perception awakens the power of fantasy in both children and adults. A stream of ever-changing and never-repeated constellations is created with a handful of materials - a series of coincidences in the truest sense of the word. The smallest movement, the slightest turn when looking into the Kaleidoscope, and the whole picture changes.

The view through the **Octascope** focuses on the world. As with the Kaleidoscope, the reflection causes a symmetry thus creating new shapes and arrangements by the turning of mirrors when the Octascope is manipulated.

You can adjust the visual acuity by turning the ocular of the **Telescope**. The lens is equipped with a fifteenfold magnification.

Recommended for

- Kindergarten children
- School children
- Young people
- Adults
- Public play areas without supervision, such as playgrounds, parks or similar



Order No. 10.25000 Telescope, Photo © Daniel Perales



Order No. 10.24100 Octascope, Photo © Daniel Perales



Order No. 10.24100 Octascope, Photo © Daniel Perales



Order No. 10.23100 Kaleidoscope, Photo © Daniel Perales

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

**Kaleidoscope
Octascope
Telescope**
graubner Play Stations
for Developing the Senses

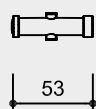
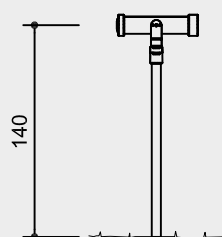


10.23100 / 10.24100

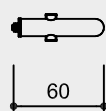
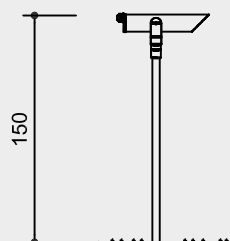


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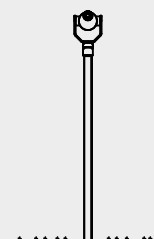
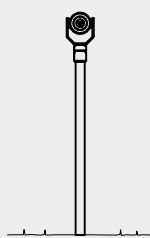
Order No. 10.23100
Kaleidoscope
Order No. 10.24100
Octascope



Order No. 10.25000
Telescope



Safety distance →
 Device dimensions —●—
 Functional distance —|—



Scale 1:50

Safety check according to DIN EN 1176

Components

1 Complete piece of equipment

Trademark

30 2005 500 000 Germany
 40-0682207 South Korea

Explanation board on request

Installation information

Recommended space
 Circle diameter 3.00 m

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

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available as group equipment with four Kaleidoscope heads and illumination for inner area (Order No. 10.23300).

Technical information

Equipment made of stainless steel /
 Aluminium eloxadized

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.

Object holder and lens made of glass, permanently elastic and therefore shock-proof mounted, rotatable in all directions with integrated braking

Order No. 10.23100

Kaleidoscope

floating in fluid are carefully chosen glass pieces which are otherwise only used in art glazing and whose light effects are far superior to plastic glazing

Order No. 10.24100

Octascope

with large lens in optical quality, safety glass

Order No. 10.25000

Telescope

magnification 15 times

Dimensions

(small deviations possible)

Order No. 10.23100

Kaleidoscope

Order No. 10.24100

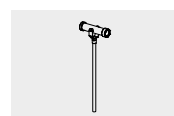
Octascope

Height	1.40 m
Length	0.53 m
Lens diameter	0.12 m
Weight	30 kg

Order No. 10.25000

Telescope

Height	1.50 m
Length	0.60 m
Lens diameter	0.12 m
Weight	35 kg



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