



DO110022

DISCOPTIC suitcase

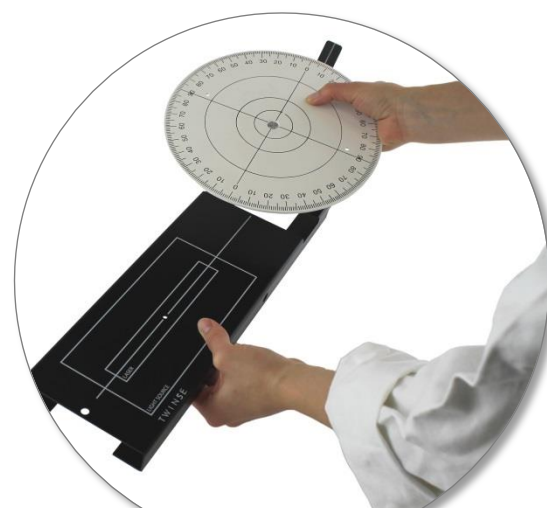
Kit to study reflection-refraction in a suitcase.

School level

Senior high school.

Technical features

- 1 graduated white disk Ø 230mm
- To clip on aluminium rail with serigraphy
- Magnetic soles under the rail
- 1 semi cylindrical lens Ø200 x 12 mm
- 1 semi cylindrical tank Ø200 x 20 mm transparent graduated
- 1 plane mirror 80 x 20 mm
- 1 rod Ø10 x 450 mm
- Suitcase with storage foams
- Dimensions: 515 x 415 x 135 mm
- Weight: 2.630 kg



White disk to be clipped on aluminium rail

Product advantages

- The suitcase includes **storages for aluminium universal source and TRIO laser**.
- 3 possible uses: **horizontal on table, and vertical on magnetic boards or with the rod**.
- The kit enables to study reflection-refraction **without optics bench**.

Examples of experiments

- Reflection/refraction
- Descartes' law
- Kepler's law
- Relation $n_1 \sin i_1 = n_2 \sin i_2$
- Calculation of liquid refraction index

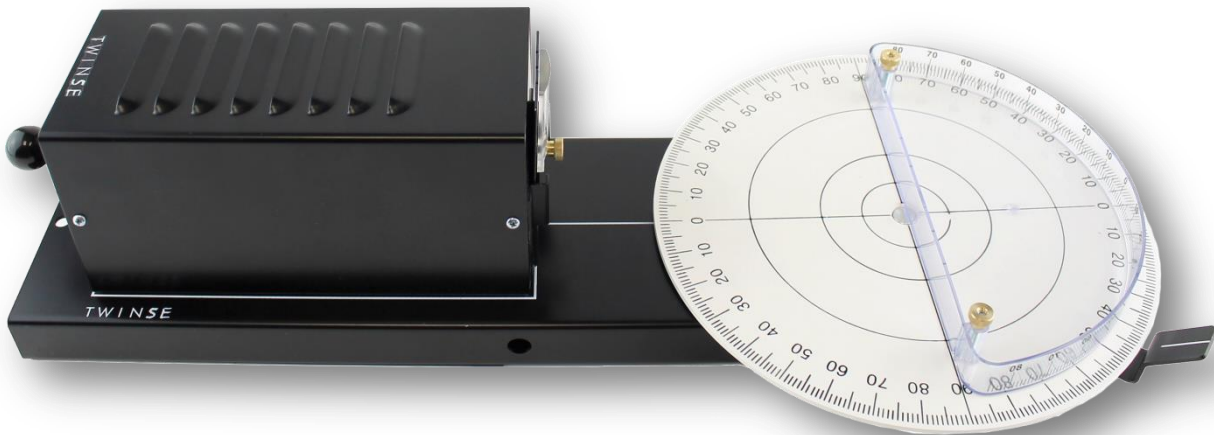
Associated products

DISCOPTIC & laser suitcase – **DO110023**
Aluminium universal source - **DO105034**
Red TRIO laser – **DO108015**

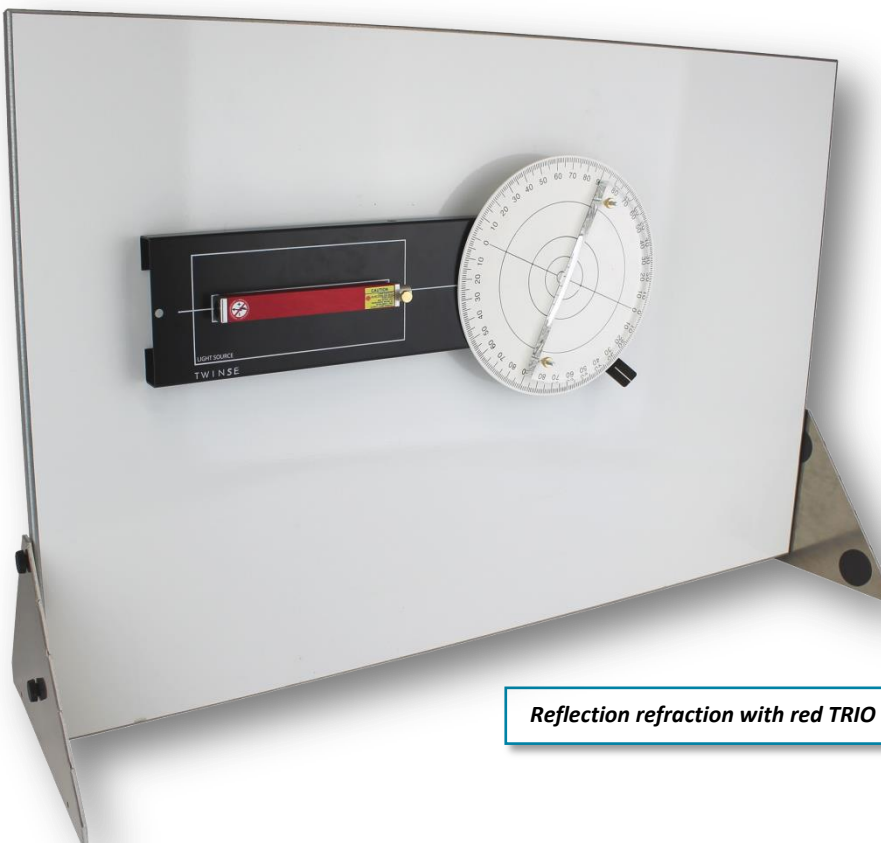
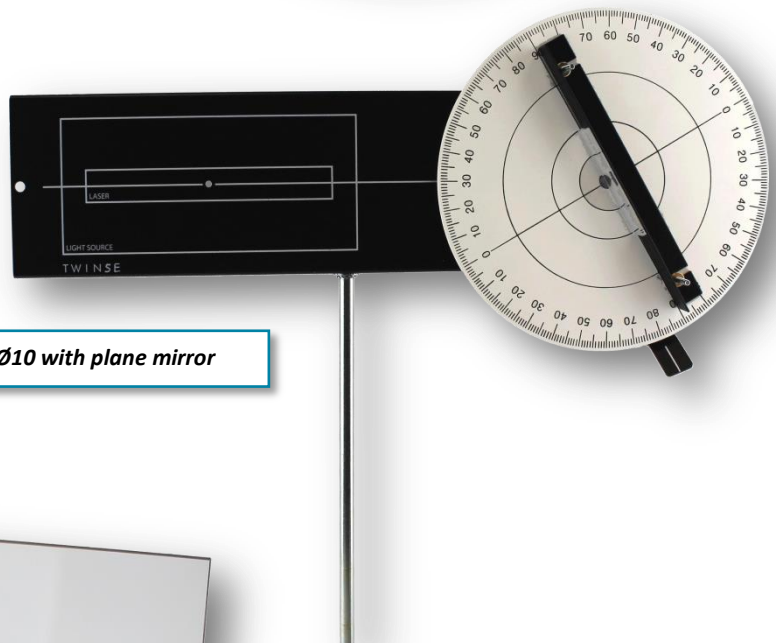
Semi cylindrical tank graduated - **DO110006**
Semi cylindrical lens - **DO110011**

EXPERIMENTS

Reflection refraction with light source and semi-cylindrical tank



Reflection refraction on rod Ø10 with plane mirror



Reflection refraction with red TRIO laser and semi cylindrical lens on magnetic board