

# ASTRO LASER SET

- teaching equipment for astronomy
- intended and applicable for almost all age groups - from 8 year-old children to adults
- acquiring of basic knowledge in an interactive way
- popularizing of various phenomena from astronomy and astrophysics
- ideal for:
  - astronomical courses and their instructors
  - teaching lessons in science, geography, physics, natural sciences
  - workshops and seminars for teachers



## TOPICS:

- 1 – View Of The Sky
- 2 – Electromagnetic Radiation Spectrum
- 3 – Phases Of The Moon
- 4 – Eclipses
- 5 – Albedo
- 6 – Galilei Telescope
- 7 – Kepler Telescope
- 8 – Spherical Aberration And Its Correction
- 9 – Newton Telescope
- 10 – Cassegrain Telescope
- 11 – Hubble and James Webb Space Telescope
- 12 – Radio Telescope
- 13 – Searching For Exoplanets By Eclipsing Method
- 14 – Variable Stars

# EQUIPMENT:

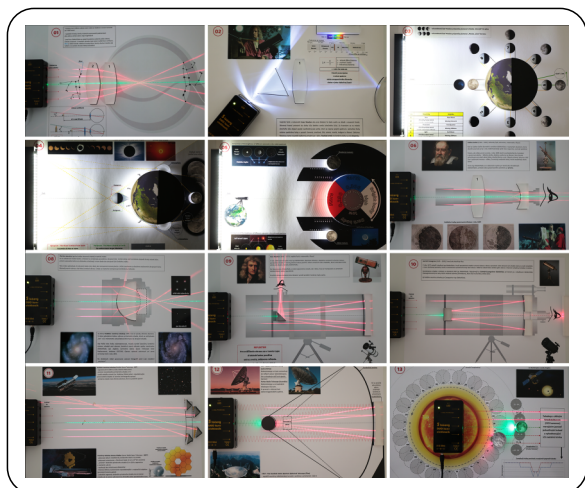


- white LED – representing the Sun
- red and green laser Duo RayBox
- plastic elements that present cosmic bodies (Earth, Moon, exoplanet ...)

- optical elements (lenses, mirrors, etc.)
- 14 working drawings for performing the experiments



- manual (contains a total of 8 topics and 29 tasks)
- lightweight plastic case allowing comfortable transport



The set is also suitable for various occasional events (open days in observatories and planetariums, annual events and etc.) as a popularization-educational exhibit for visitors. The advantages of the set include clear and comprehensible explanation of the individual topics, a demonstration of the basics, and advanced tasks in astronomy.

The laser light source is safe and compliant with laser safety class 2. All components have magnetic surface on the bottom to be used with magnetic board, which greatly improves the quality of presentation in front of a group of people.