

## OSC 92JL201 Laser optics experimental device

Versatile apparatus covering 11 kinds experiments in optical field



### Light interference and diffraction

1. Interference experiment,
2. Air density fluctuation by heat,
3. Diffraction experiment,
4. Making of diffraction grating (plane wave)

### Holography

5. Making of Fresnel hologram,
6. Making of Lippmann hologram,
7. Hologram image regeneration experiment
8. Making of diffraction grating (spherical wave)

### Diffraction and reflection

9. Single beam diffraction and reflection,
10. 3 beams diffraction and reflection

### Miscellaneous

11. Polarization experiment

### <Features>

#### Compact and Easy

This small and light apparatus realizes the interferometer holography experiment without any professional technique

Diffraction and reflection can be easily observed by the 3 beam method

Storage and carrying are easy by a dedicated carrying case

MODEL	OSC 92JL201
Diameter of interferometer parallel beam	30 mm (effective 26 x 20 mm)
Hologram size	6.5 x 9 cm
Light source	He-Ne Linear polarity leaser output 5 mW
Dimensions and weight	370 x 530 x 180H mm, 10 kg
Accessory	Carrying case