

Trinocular Microscope OBN-148 with fluorescence module



Contact person

Dr. Olga Danilescu

e-mail: olgadanilescu@gmail.com

Institut of Chemistry of MSU

Academiei, 3 str.

Chişinău, MD 2028

Republic of Moldova

Web: www.ichem.md

Trinocular microscope OBN-148 with fluorescence module Manufacturer: KERN, Germany, purchased in 2025

General specifications

10×/20 wide-field eyepiece.

Infinite optical system.

Objective type: Plan Achromat.

Objective 1: 4×/0.10, W.D. 12.1 mm.

Objective 2: 10×/0.25, W.D. 4.64 mm.

Objective 3: 20×/0.40 (spring-loaded), W.D. 2.41 mm.

Objective 4: 40×/0.65 (spring-loaded), W.D. 0.65 mm.

Objective 5: 100×/1.25 oil immersion (spring-loaded), W.D. 0.19 mm.

Magnification range: 40–1000×.

Abbe condenser 1.25 N.A., height-adjustable, with iris diaphragm.

Halogen lamp (20 W).

Filter cassette.

Light intensity adjustment.

Illuminated field.

Trinocular head.

Viewing angle 30° (30° inclined view, 360° rotatable).

Coarse and fine focusing controls.

Filter holder (blue filter).