

Microscope 4x - KERN OBN 141

Item no. KER-OBN 141

Manufacturer Kern

EAN 4045761482449

The KERN OBN 141 is a trinocular fluorescence microscope with infinity optics and Köhler illumination. Objectives 4x / 10x / 20x / 40x / 100x reach up to 1000x with the 10x eyepiece. Continuously dimmable 3 W LED and a large mechanical stage.

TECHNICAL DATA

Country of Manufacture	China
HS-Code	90118000
Weight	15 kg



DESCRIPTION

The KERN OBN 141 is a trinocular fluorescence microscope for professional users. It combines 5 W LED reflected-light fluorescence with 3 W LED transmitted illumination, so that fluorescence-labelled and conventional specimens can be examined on one stand. Five Infinity Plan objectives from 4x to 100x deliver 40x to 1000x with the 10x eyepiece.

BENEFITS

- **Two illumination modes on one stand:** 5 W LED reflected fluorescence plus 3 W LED transmitted light
- **Long-life LED fluorescence:** no gas-discharge lamp changes, ready to use immediately
- **Professional plan optics:** five Infinity Plan objectives 4x / 10x / 20x / 40x / 100x on the 5-position nosepiece
- **Köhler illumination:** for an evenly lit, high-contrast image
- **Photo-ready trinocular port:** 0:100,80:20 light-path split for camera documentation
- **Ergonomic and stable:** large mechanical stage, tube inclined 30 degrees, interpupillary distance 50 - 75 mm

TECHNICAL DATA

- **Optical system:** Infinity
- **Objective class:** Infinity Plan
- **Objectives:** 4x / 10x / 20x / 40x / 100x

- **Tube:** Trinokular
- **Tube inclination:** 30°
- **Eyepiece:** 10x
- **Eyepiece field of view:** 20 mm
- **Interpupillary distance:** 50 mm - 75 mm
- **Nosepiece positions:** 5
- **Reflected-light illumination:** LED, 5W
- **Transmitted-light illumination:** LED, 3W
- **Light-path split:** 0:100,80:20
- **Power supply:** Netzteil (100 - 240 V)
- **Net weight:** 13 kg

APPLICATIONS

Typical fields of use include haematology, urology, gynaecology, dermatology, pathology, microbiology and parasitology, immunology, wastewater treatment plants, oncology, entomology, veterinary practices, water analysis and breweries.

COMPLIANCE AND ORIGIN

EAN 4045761482449. Customs tariff number 90118000. Country of origin China.