



OBL-1 with camera



OBL-1 with tablet



OBN-1 with camera



OBN-1 with tablet

The digital laboratory assistant with infinity optical unit and fixed, Köhler illumination

Features

- Laboratory microscopes from the OBL and OBN range are now also available to you as a comprehensive digital solution for your live investigations. Optionally available with an mounted tablet or C-mount camera. Naturally, the appropriate C-mount adapter is included with the delivery
- The mounted KERN ODC 241 tablet-camera has been specially developed for simple, convenient and direct investigation of the sample on the screen. Ideally suited for school pupils and students in education or for demonstration purposes in the laboratory
- The mounted C-mount camera is available in different versions and can be used anywhere
- For detailed information on the individual components, see the relevant product description of the individual item

- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of the delivery

Technical data

- Infinity optical system
- Siedentopf 30° inclined/360° rotatable
- Eyepiece: HWF 10×/ø 20 mm

OBL-1

- Quadplex nosepiece
- Diopter adjustment: One-sided
- Overall dimensions W×D×H 395×200×380 mm
- Net weight approx. 7,7 kg
- Objective quality: Infinity E-Plan
- Objectives: 4×/10×/40×/100×
- Illumination OBL 137: 3 W LED (transmitted)

OBN-1

- Quintuple nosepiece
- Diopter adjustment: Both-sided
- Overall dimensions W×D×H 390×200×400 mm
- Net weight approx. 10 kg
- Objective quality: Infinity Plan
- Objectives: 4×/10×/20×/40×/100×
- Illumination OBN 132: 20 W Halogen (transmitted)
- Illumination OBN 135: 3 W LED (transmitted)

| Model | Standard configuration (camera) | | | |
|--------------------|---------------------------------|-------------------|---------------------------------------|-------------|
| KERN | Included camera | Resolution camera | Interface | Sensor |
| OBL 137C825 | ODC 825 | 5 MP | USB 2.0 (6,8 – 55 FPS) | CMOS 1/2,5" |
| OBL 137C832 | ODC 832 | 5 MP | USB 3.0 (14,2 – 101,2 FPS) | CMOS 1/2,5" |
| OBL 137T241 | ODC 241 | 5 MP | WiFi, USB 2.0, HDMI, SD (15 – 30 FPS) | CMOS 1/2,5" |
| OBN 132C825 | ODC 825 | 5 MP | USB 2.0 (6,8 – 55 FPS) | CMOS 1/2,5" |
| OBN 132C832 | ODC 832 | 5 MP | USB 3.0 (14,2 – 101,2 FPS) | CMOS 1/2,5" |
| OBN 132T241 | ODC 241 | 5 MP | WiFi, USB 2.0, HDMI, SD (15 – 30 FPS) | CMOS 1/2,5" |
| OBN 135T241 | ODC 241 | 5 MP | WiFi, USB 2.0, HDMI, SD (15 – 30 FPS) | CMOS 1/2,5" |