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Umsatzsteuer-  
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:  
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## Zeiss Primostar 3 complete equipment with tripod Fixed-Koehler, complete package 1

**€3,536.00**  
**plus VAT &**  
**Shipping**



## Description

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Compact and tough: The microscope for digital education and the routine lab. Primostar 3 is the ideal microscope for education and the routine lab: easy to use, compact and durable – a good investment when space is limited and working hours are long.

### Primostar 3 complete equipment with stand Fixed-Koehler including

- Transmitted light illumination LED 1W white light, 5700K
- Revolving nosepiece 4x, tilted backwards
- Stage 75x40, drive on the right and object holder for one slide with spring lever on the left
- Binocular tube 25°/22 with integrated camera 8MP
- Eyepieces 10x/20 Br. foc. with eyecups, 1x with pointer
- Objectives iPlan achromat 4x, 10x, 40x
- Abbe condenser 0.9/1.25 with Slot
- 5V USB connector
- Country specific power cord
- Dust cover
- Specification Camera Sensor type: Sony CMOS color sensor with rolling shutter
- Number of pixels: 3840 (H) x 2160 (V) = 8.3MP, Ultra HD (4K) Selectable resolutions: 3840 x 2160 = Ultra HD (4K) and 1920 x 1080 = Full HD (1080p)
- Pixel size: 1.85 µm x 1.85 µm (Ultra HD resolution) Sensor size: 7.1 mm x 4.0 mm, equivalent to 1/2.1" (diagonal 8.15 mm)
- Spectral range: approx. 400 nm – 700 nm, IR filter stand-alone: Image storage format: tiff or jpg
- Video stream format: mp4 Live frame rates via HDMI: 30 fps @ 4K/1080p (also with HDR)
- Live frame rates via software via Ethernet or USB3.0 (depending on hardware and software configuration),
- Exposure time 1 ms: H x V Frame rate 3840 x 2160 up to 15 fps (ZEN blue edition) 1920 x 1080 up to 27 fps (ZEN blue edition) 1920 x 1080 up to 30 fps (Labscope) Digitization: 8 bit/pixel Exposure time: 0.06 msec to 1 sec
- Interfaces: HDMI for monitor USB 3.0 for USB hub, memory stick, Wi-Fi adapter or PC connection Ethernet (RJ45) for LAN connection
- Optical interface: integrated adapter Max. File size per image: .tiff up to: 24 MB (not depending on image content) .jpg up to: 0.5 MB - 3.3 MB (depending on image content) Passive cooling through aluminum cooling fins on the top plate Ambient conditions: +10° ... +40° Celsius,
- Max. 75% relative humidity, non-condensing, free air circulation required
- Supported operating systems: for ZEN: Windows 10 x64 Prof./Ultimate and higher for Labscope: Windows 7/10 x64 Prof./Ultimate and iOS v11 and higher
- Supported application software: ZEN blue v3.0 and higher (includes ZEN lite/pro/system) ZEN core v2.7 and higher (includes ZEN starter/core)
- Labscope v2.9 (Win) v2.8.3 (iOS) and higher TWAIN plugin: add-on program to control the camera by third-party application software
- The camera is network compatible and can be used with the Zeiss iOS app and Labscope. The app is available as a free download in the Apple App

## Additional Information

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No.	CZ-0557
Manufacturer (Brand)	Zeiss
EAN	4066292500181
Transport temperature	Room temperature

