



OZM 544C825 / OZM 544C832



OZM 544T241

LAB LINE

First-class optics as well as strong illumination combined with a high level of flexibility and digital tools

Features

- The excellent OZM range is now also available to you as a comprehensive digital solution for your live investigations. Optionally available with an adapted tablet or C-mount camera. Naturally, the appropriate C-mount adapter is included with the delivery.
- The KERN OZM series is a range of excellent stereo zoom microscopes with above-average optical features
- The extraordinarily strong and continuously dimmable 3 W LED reflected and transmitted illumination ensures a flexible and particularly good level of illumination for your sample
- With its large working distance, an extra large field of view and its brilliant resolution, the KERN OZM provides sharp, high-contrast, colour-true images

- The adapted KERN ODC 241 tablet-camera has been specially developed for simple, convenient and direct investigation of the sample on the screen. Ideal for training companies, workshops as well as assembly and repair workstations, e.g. in the electronics industry.
- The adapted 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 large selection of eyepieces, external illumination units as well as auxiliary objectives are available as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery

Technical Data Microscope OZM-5

- Optical system: Greenough optics
- Brightness adjustable (separate)
- Tube 45° inclined
- Magnification ratio: 6,4:1
- Light distribution 50:50
- Interpupillary distance 52 – 76 mm
- Diopter adjustment: Both-sided
- Overall dimensions W×D×H 330×285×440 mm
- Net weight approx. 5,5 kg
- Eyepieces: HSWF 10×/Ø 23 mm
- Field of view (mm): Ø 32,8 – 5,1
- Objective: 0,7× – 4,5×
- Stand: Pillar
- Illumination: 3W-LED (Incident + Transmitted)

Model	Standard configuration (Camera)				Detailed information Microscope / Camera
	Included Camera	Resolution Camera	Interface	Sensor	
KERN					
OZM 544C825	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 56-57 / p. 84
OZM 544C832	ODC 832		USB 3.0 (14,2 - 101,2 FPS)		
OZM 544T241	ODC 241		WiFi, USB 2.0, HDMI, SD (15 - 30 FPS)		