

PRODUCT BROCHURE

OPTICS ODC 241

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ENGLISH



Tablet with integrated camera for the very best monitoring of the sample as well as digital documentation

CONTACT

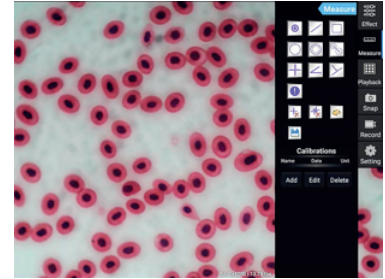
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PRODUCT SHOWCASE



DESCRIPTION

- A 2-in-1 solution in digital microscopy as a universal system for trinocular microscopes with C-mount adapter. The ODC 241 microscope-tablet-camera consists of a large Android tablet in combination with a 5-MP camera.
- The KERN ODC 241 tablet-camera has been specially developed for simple and direct observation of the sample on the screen. Ideally suited for school pupils and students in education or for demonstration purposes in the laboratory
- As well as a live transfer of the image to the Android tablet, the integrated 5-MP camera also means that images and videos can be created for the documentation. Simple measuring functions, such as, for example, functions for measuring distance, surfaces and angles as well as a manual counting function are also available
- Automatic white balance and automatic contrast adjustment can be performed quickly and easily, which enables efficient working procedures
- A range of additional functions are provided through the integrated interfaces, such as, for example
 - Data storage on a USB stick or SD card
 - Connection to a USB mouse
 - Transfer of the live image to an external screen using HDMI
 - Transfer of stored data to external receivers using WiFi

- The delivery includes the tablet camera with pre-installed software as well as the power pack
- Cannot be combined with the following microscopes: OZM-5. OLM 170

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ODC 241
Model-Serie	ODC-2
Assortment	Optics
Product Type	Microscopes
Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	4045761217683
Customs tariff number	85258900

Technical data - Primary

Camera type	Tablet camera
Camera resolution	5 MP
Sensor type	Sony CMOS
Sensor size	1/2,8"

Technical data - Construction

Color capability	Colour
Camera mounting	C-Mount
Interfaces	Bluetooth;HDMI;SD Kartenslot;USB 2.0;WLAN
Operating system	Android
Applicable software	integrated

Software functions

Image capturing;Measurements
;Video capturing

Dimensions (W×D×H)	238×182×51 mm
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Technical data - Display

Display type	LCD touch
Screen size	9.7"
Display resolution	2048x1536

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100-240V AC 50/60Hz 0.5A
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	275×230×85 mm
Gross weight	1.2 kg
Net weight	0.80 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	206.483 g

Packaging component -
by weight - plastics 1.539 g

Packaging component -
by weight - styrofoam 48.4785 g

Packaging component -
by weight - foam 0 g

Delivery time 1 d

Technical data - Environmental conditions

Storage Temp Min -5 °C

Storage Temp Max 40 °C

Technical data - Verification

WEEE yes

FUNCTIONS

Standard



ACCESSORIES

Model	Description
ODC-A2404	Calibration Specimen Slide with Micrometer KERN ODC-A2404

SPARE PARTS

Model	Description
ODC-A2401	Power supply KERN ODC-A2401
ODC-A2404	Calibration Specimen Slide with Micrometer KERN ODC-A2404
ODC-A2402	Power supply KERN ODC-A2402