



View, Scan, and Share Your Slides

Anytime, Anywhere



Grundium Single Slide Scanners with Olympus X Line™ Objectives

Now you can create quality digital slides where and when you need them. The OCUS40 and OCUS20 scanners combine the convenience of a compact scanning platform with our top-performing X Line objectives, delivering flawless digital slides.

Thanks to quick and easy-to-use remote-controlled operation via tablet or computer, you can now create and share your digital scans to facilitate a wide range of applications.

Share and Evaluate Remotely



Rapid Onsite Evaluation (ROSE)

Time is critical when performing Rapid Onsite Evaluation (ROSE) to validate the adequacy of samples. Use OCUS scanners to quickly scan or view slides remotely in real-time, enabling an expert to immediately evaluate samples from any location. Their small size and wireless connectivity make OCUS scanners easy to fit into workplaces and move quickly to wherever they are needed.

Open Collaboration

Sharing samples and opinions in pathology is increasingly important, yet often impractical because it requires transporting slides. OCUS scanners overcome this limitation by producing digital slides wherever and whenever needed. Live images can also be accessed and navigated remotely through an intuitive interface.



Frozen Sections

The OCUS20 scanner eases the evaluation of frozen sections, especially when the consulting expert is located remotely. By providing a viable digital scan in about one minute, the OCUS20 scanner solution enables the expert to quickly provide feedback to the operating team, reducing delays in such a time-critical workflow.

Features and Technical Data

- Operated via a web-interface from your desktop, laptop, or tablet: no need to install software
- Local and remote control of all functions—scanning, live image, and scan browsing
- Scans 75 mm x 25 mm slides with brightfield illumination and continuous autofocus
- Scans a 15 mm x 15 mm area in ~3 minutes with a 0.25 µm/pixel resolution (OCUS40) or in ~1 minute with a 0.50 µm/pixel resolution (OCUS20)
- Network connectivity (1 GigE / 802.11ac WLAN) available for scanner control and image sharing
- Compact and light—save valuable desk space and bring it with you when needed
- All data and images are stored onboard the scanner—not the cloud—so instantly available and under your control

www.olympus-lifescience.com/grundium

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OCUS®20

DATA SHEET

TECHNICAL SPECIFICATIONS

Product number	MGU-00006
Numerical aperture	0.4
Resolution, microscope	0.5 µm/pix
Resolution, OV	10 µm/pix
Depth of focus	5 µm
Focusing	Fully electronic
Image sensor	12 Mpix
Slide capacity	1
Slide format	75 x 25 mm
Scan speed, 15 x 15 mm	~1 min
Connectivity	1 GigE, 802.11 ac WLAN
Image formats	TIFF, SVS
W x D x H	18 x 18 x 19 cm ca. 8 x 8 x 8 in
Weight	3,5 kg 7.7 lbs
Illumination	Koehler LED

UNBEATABLE FEATURES

- Fully suited for remote operation, enables seamless telepathology
- Fast scanning speed
- High depth of field
- Easy to use, anybody can use it with 15 minutes of training
- Fits any workflow, supports all key file formats
- Pairs with any device with internet connection (computer, laptop, tablet)
- Robust design, very low maintenance
- Small size, travels anywhere in its own carry-on case
- Affordable, no recurring fees, no hidden costs
- Fast scan speed, run several units parallel for very high throughput

Operating requirements

- A device with internet connection, web browser and a screen
- Grounded mains outlet or power bank

In the USA, Grundium Ocus®40 is for research use only (RUO) and not for use in diagnostic procedures. Ocus® is CE marked according to EU 2017/746 regulation for in vitro diagnostic (IVD) medical devices. Ocus® technology has been granted U.S. Patent No. 110.341.551, 10.564.408 and 10.628.698. Ocus® design has been granted U.S. Patent No. D872789.



OCUS®40

DATA SHEET

TECHNICAL SPECIFICATIONS

Product number	MGU-0004
Numerical aperture	0.80
Resolution, microscope	0.25 $\mu\text{m}/\text{pix}$
Resolution, OV	10 $\mu\text{m}/\text{pix}$
Depth of focus	1 μm
Focusing	Electronic coarse and fine
Image sensor	12 Mpix
Slide capacity	1
Slide format	75 x 25 mm
Scan speed, 15 x 15 mm	~3 mins
Connectivity	1 GigE, 802.11 ac WLAN
Image formats	TIFF, SVS
W x D x H (cm)	18 x 18 x 19
Weight (kg)	3,5 kg
Illumination	Koehler LED

UNBEATABLE FEATURES

- Fits into carry-on luggage
- Wireless connectivity
- Vibration resistant
- Deployment and setup in 5 min
- No auxiliary costs, software or maintenance
- Can be operated from desktop / laptop / tablet
- No software install required, runs on web browser
- Fits any workflow

Operating requirements

- A device with internet connection, web browser and a screen
- Grounded mains outlet or power bank

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