OCUS®40



GRUNDIUM

MAKING THE BEST PROFESSIONAL DIAGNOSIS AVAILABLE FOR ALL LIFE



KEY FEATURES

- Fully suited for remote operation, enables seamless telepathology
- Very high image quality
- Can be operated locally and remotely anywhere
- 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, phone)
- 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

APPLICATION AREAS

The Grundium Ocus®40 enables both local and online remote diagnosis anywhere in the world

- Pathology (cytology, fecal, blood, etc.)
- Clinical research
- Veterinary pathology
- AI diagnosis
- Marine sciences
- Environmental research
- Geology
- Material sciences



The sales package includes the Ocus®40 Scanner, a dust cover, the power supply with mains cable, and a quick guide. The Grundium Ocus® carrying case is sold separately.

TECHNICAL SPECIFICATIONS

Numerical aperture	0.75
Resolution, microscope	0.25 µm/pix
Resolution, overview	10 µm/pix
Depth of focus	1 µm
Focusing	Fully electronic
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

OPERATING REQUIREMENTS

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

Grundium's mission is to make digital pathology and best professional diagnosis available for all life; whether human, animal, plant or other. This is achieved by doing something that nobody else can: applying state-of-the-art mobile technology in telepathology.

The Ocus®40 portable digital microscope slide scanner makes the highest sharpness images in the business. Integration-ready and very easy to use, the Ocus®40 enables both local and remote diagnosis anywhere in the world.



The Ocus®40 Scanner can be used with a computer or a tablet with a screen and a web browser.

In the USA, Grundium Ocus®40 is for research use only (RUO) and not for use in diagnostic procedures.
Ocus®40 MGU-00003 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. 10,341,551 and 10,564,408.
Ocus® design has been granted U.S. Patent No. D872789.

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