

GRUNDIUM

OCUS®20



FAST SCANNING AT HIGH DEPTH OF FIELD

The Ocus®20 is optimized for fast and effortless scanning. The Ocus®20 is a small, yet powerful microscope slide scanner for digital pathology, especially suitable for frozen section samples and rapid onsite evaluation (ROSE). The simplicity of the continuously variable magnification of a digital zoom makes moving between an overview and the desired level of detail incredibly easy.

The Ocus®20 comes with a comparable magnification of 20x, meaning it is perfectly optimized for delivering sharp images fast. The long 5 um depth-of-field, continuous autofocus and Z-stacking of up to 5 layers all together make sure to reveal sharp details even in less than perfect samples.

KEY FEATURES

- Fully suited for remote operation, enables seamless telepathology
- Fast scanning speed
- 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 a browser and an internet connection
- Robust design, vibration resistant, very low maintenance
- Affordable, no recurring fees, no hidden costs
- Possibility to run several units parallel for higher throughput

APPLICATION AREAS

- Pathology
  - Histology
  - Cytology
  - Frozen sections
  - Rapid onsite evaluation
  - Consultation
- Medical research
- Education
- Marine sciences
- Environmental research
- Geology
- Material sciences



SHARPEST IMAGING



VERY EASY TO USE



SMALL FOOTPRINT, FITS ANY DESK



COMPATIBLE WITH ANY DEVICE



SUPERIOR CONNECTIVITY



AFFORDABLE PRICE

TECHNICAL SPECIFICATIONS

Numerical aperture	0.4	Slide format	75 x 25 mm
Resolution, microscope	0.50 µm/pix	Scan time, 15 x 15 mm	~1 mins
Resolution, overview	10 µm/pix	Connectivity	1 GigE, 802.11 ac WLAN
Depth of focus	5 µm	Image formats	TIFF, SVS
Focusing	Fully electronic	Dimensions	18 x 18 x 19 cm / 7 x 7 x 7,5 in
Image sensor	12 Mpix	Weight	3,5 kg / 7,7 lbs
Slide capacity	1	Illumination	Koehler LED

Grundium makes digital pathology and best professional diagnosis available for all life with the most practical microscope scanners in the world. This is achieved by doing something that nobody else can: applying state-of-the-art mobile technology in digital pathology.

The Grundium Ocus® microscope scanners create the sharpest images, they are small enough to fit anywhere, and their browser-based user interface makes them very simple to use.

In the USA, Grundium Ocus®20 is for research use only (RUO) and not for use in diagnostic procedures.
Ocus®20 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, 10.564.408 and 10.628.698.
Ocus® design has been granted U.S. Patent No. D872789.

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