OCUS®

PORTABLE DIGITAL MICROSCOPE AND SLIDE SCANNER

PREMIUM QUALITY MICROSCOPE

- Live mode for real-time microscopy
- Whole slide scanning
- For personal or team use

PORTABLE DEVICE WITH CRAFTED DESIGN

- Fits into carry-on luggage
- Can be operated with e.g. laptop web browser – remotely or locally
- 500GB hard disk and cloud upload for image storage

SMART AND CONNECTED

- Connects to internet over WLAN / Ethernet or works off-line
- Powerful embedded computer – all processing inside
- Supports major image formats and work flows

EASY TO USE AND MAINTAIN

- Intuitive and simple user interface
- Remote user support available
- Open design – easy to clean

FULL METAL DESIGN

OVERVIEW IMAGE

Automated trimming of areas to be scanned, adjustable by the user.

HIGH PERFORMANCE IMAGING

18M captured pixels per field. Super-sharp images also outside lab.

AUTOMATED X Y STAGE

Full (1" x 3") slide scanning

MEASURES: 18CM X 18CM X 19CM, 3.5KG

GRUNDIUM

CONNECTIVITY

Wireless with WLAN, or wired with gigabit Ethernet. Remote use enabled.

AUTOMATIC FOCUS

Automatic in scanning, adjustable by user in live mode.

AUTOMATIC STITCHING

High-performance embedded processor.

THE ONLY PORTABLE WSI

Can be powered by a battery pack. Water-tight carry-on luggage case available.

WWW.GRUNDIUM.COM

Revision 1.0

GRUNDIUM

TECHNICAL INFORMATION

Slide capacity	1	**Focusing**	Automatic focus for each field in scanning, fine-tune in live mode, manual coarse
Objective / resolution	20x : 0.48um /pix 1x overview: 10um /pix		
		Stage	Motorized, automatic
Slide format	75mm x 25mm	**Scan area selection**	Freely selectable
Scan speed, 15x15mm	~2 min	**Memory**	500GB internal and USB memory support
Connectivity	1GigE, 802.11ac WLAN		
Image formats	TIFF, SVS	**Computer**	Embedded Nvidia visual computer
W x D x H (cm)	18 x 18 x 19	**User interface**	Major web browsers. Touch screen support.
Weight (kg)	3.5 kg		
Image sensor	6M pixel	**Image viewer**	Included + major 3rd party viewers supported.
Illumination	Koehler LED		

WWW.GRUNDIUM.COM

Revision 1.0

GRUNDIUM