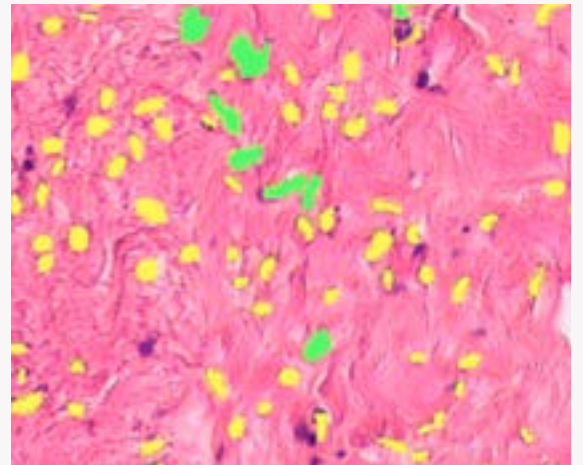# Vision DS
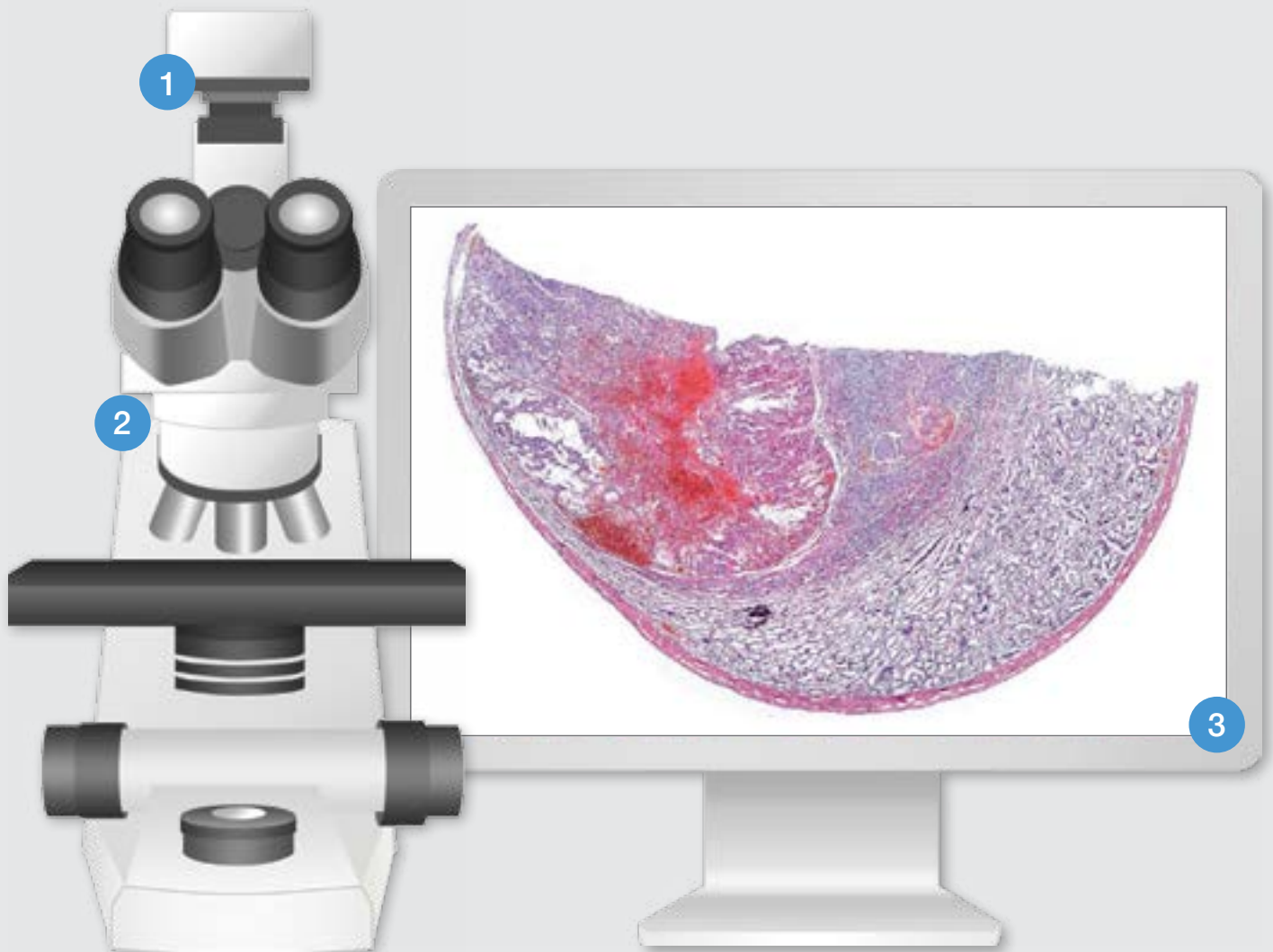## Convert your microscope into a digital scanner

Scan slides manually

Easy digital scanning and full visualization of slides
Efficient solution for scanning in microscopy

Install Vision DS on your
PC and microscope

1. Digital camera with adapter

2. Trinocular microscope

3. PC with Vision DS software

How does it work?

- **Install the camera on the microscope and the software on your PC**
- **Press start and move the sample**
- **Digital slide forms automatically as you move the sample**

Digital slide analysis

Commentary
Content area 724.6
Length 95.6

Mark

48 µm

Object analysis

Objects classification by specified criteria, created by the user

Count and classification

Automatic or manual object identification on the digital slide. Measurements of linear and optical parameters of particles

Marks and comments

Make your comments and put marks on a digital slide

Specifications

	Technical specifications
Software	Vision DS — scanning slide and creating digital slide — visualization and storage of digital samples in the database — remote access and network capabilities — digital slide analysis: calculation of geometric parameters in standard measurement units, automated and manual calculation of optical and geometric parameters for a selected object. Tools to create marks and comments on the digital sample
	Camera
Vision CAM® V3200	3,2 MP, resolution 2064 x 1544, image sensor CMOS 1/1,8", ~120 f/s, USB 3.0
	PC
Vision DS requirements	— Intel Core i5 processor — 8 GB RAM — 1 TB hard drive — Windows 10 64x — Full HD monitor [1920x1080] — Diagonal 23" — NVIDIA GTX x50 or better video card with at least 4 GB video memory
	Microscope
Requirements	trinocular microscope with Plan Achromat objectives (or better)
Imagine modes*	brightfield, dark field, phase contrast and oil immersion
Application fields	digital pathology and microscopy, research and education, biology
	Examples of configuration
Initial set	Includes: Vision DS software, Vision digital camera Use your PC, monitor and microscope
Primary set	Includes: Vision DS software, Vision digital camera, trinocular microscope with C-mount adapter Use your PC and monitor
Standard set	Includes: Vision DS software, Vision digital camera, trinocular microscope with C-mount adapter, PC and monitor

*Depends on a model and specifications of the microscope