

Pannoramic 1000

Throughput. Quality. Efficiency.

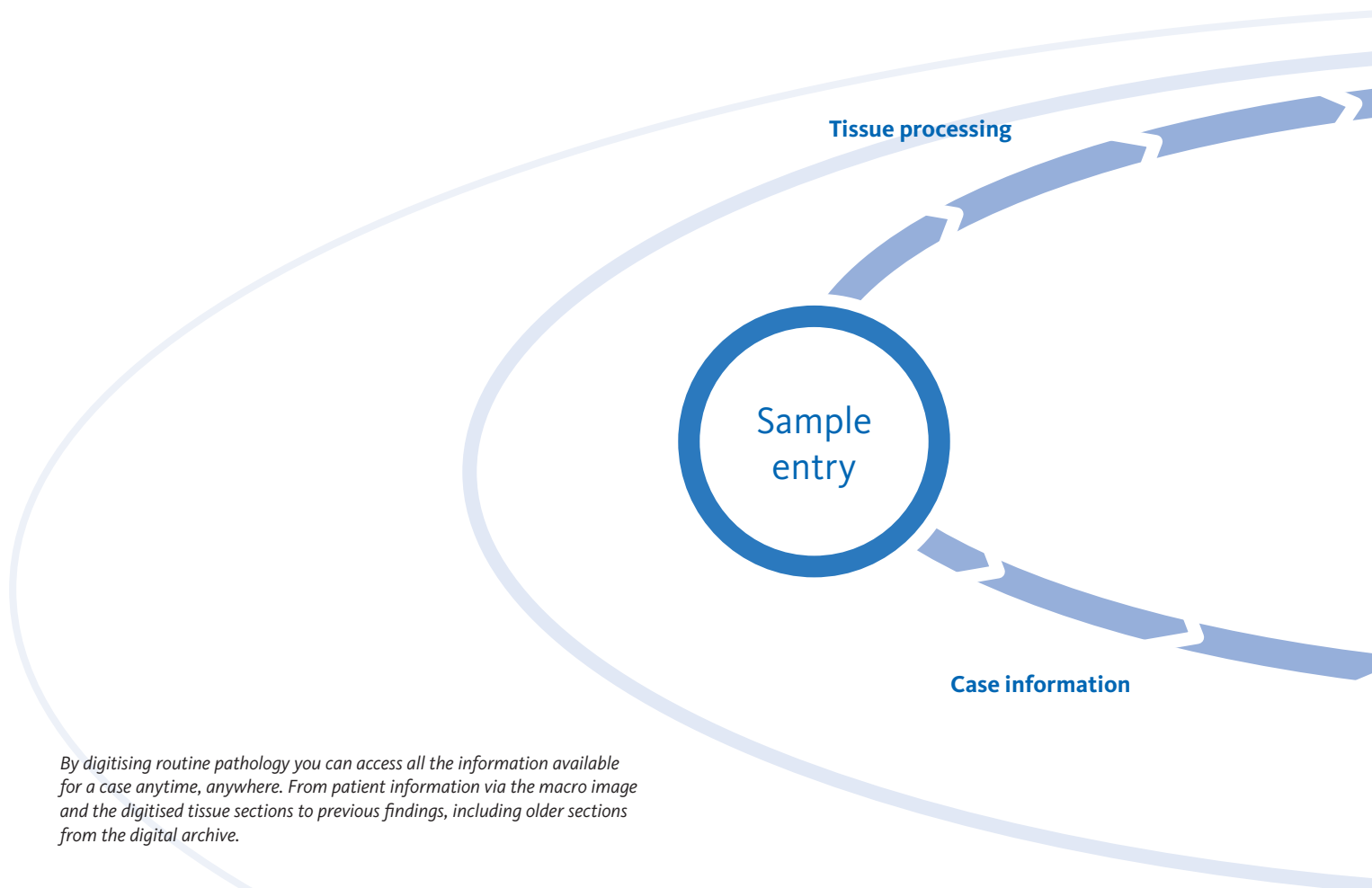


Pannoramic 1000 – scale and reliability for demanding pathology labs

Digital technologies are leading to a redesign of pathologists' workplaces and simplifying daily routine work. With complete patient case information available digitally and on mobile devices, making diagnoses is well organised and flexible.

Easily present tissue sections at a tumour conference or teleconsultation, and increase your communication efficiency across multiple sites. Standardised processes from sample entry to archiving deliver full traceability of your patients' samples and diagnoses, and simplify quality management.

The key factor in the workflow is digitising the slide with variables in terms of scanning speed, reproduction quality and the scanner's integration in both workflow and the IT environment. The Pannoramic 1000 is a genuine power package that will satisfy laboratories with even the highest demands.



By digitising routine pathology you can access all the information available for a case anytime, anywhere. From patient information via the macro image and the digitised tissue sections to previous findings, including older sections from the digital archive.

With the Panoramic 1000 you can

- easily master the highest daily pathology workloads thanks to its enormous loading capacity of 1000 slides and fast scanning speed.
- prioritise urgent cases with preferential scanning.
- integrate your scanner almost seamlessly: directly load the slide holders of the most common stainers.
- deliver highest scanning quality independent of the coverslipping medium with horizontal slide handling.
- quickly digitise large-area sections by scanning double-width slides.
- rely on your virtual microscope diagnoses thanks to the excellent reproduction quality from three high-quality lenses.

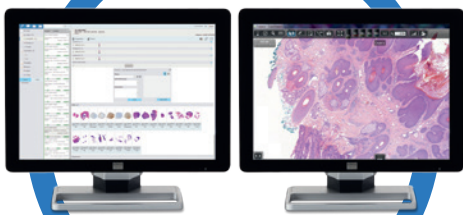


Digital slides

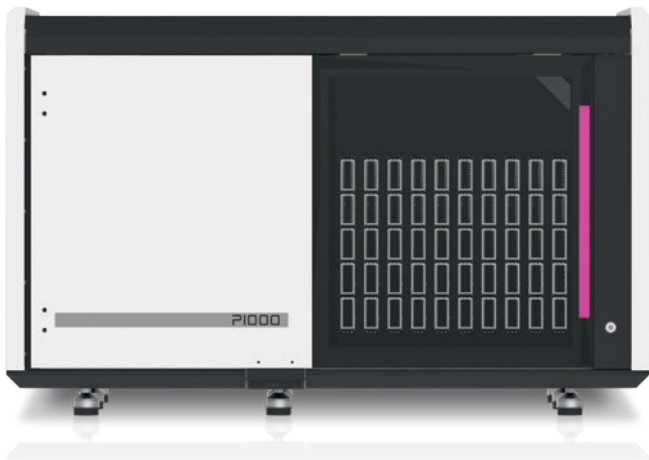
Digital slides

Digital archive

Access / filing



Pathologist's cockpit



Selected specifications

Slides

Loading capacity	1,000 slides (50 holders with 20 slides each) or continuous loading
Sample throughput	maximal 1,000 slides within 8 hours
Accepted slides	26 mm x 75 mm, 51 mm x 75 mm
Sample identification	1D- and 2D-barcode; supports multiple barcode formats and connects via this way to the LIS

Scanning

Mode	bright-field
Scanning speed	30 sec / 15 mm x 15 mm tissue area (at 40x)
Lenses and resolution	Carl Zeiss, 20x NA 0.8, Plan-Apochromat, 0.25 µm / pixel Carl Zeiss, 40x NA 0.95, Plan-Apochromat, 0.12 µm / pixel Carl Zeiss, 40x water immersion NA 1.2, Plan-Apochromat, 0.12 µm / pixel Carl Zeiss, 63x oil immersion* NA 1.4, Plan-Apochromat, 0.07 µm / pixel
Data format	.MRXS, exportable as JPG / JPEGXR / JPG2000

Automated image analysis (optional)

QuantCenter (IVD)

Dimensions / Weight

W x H x D [cm / kg] basic unit approx. 154 × 90 × 98 / ca. 200

* from 2018

Distributor: Sysmex Europe GmbH
Bornbarch 1, 22848 Norderstedt, Germany · Phone +49 40 52726-0 · Fax +49 40 52726-100 · info@sysmex-europe.com · www.sysmex-europe.com

Manufacturer: 3DHISTECH Ltd
Konkoly-Thege Miklós út 29-33, 1121 Budapest, Hungary

You will find your local Sysmex representative's address under www.sysmex-europe.com/contacts