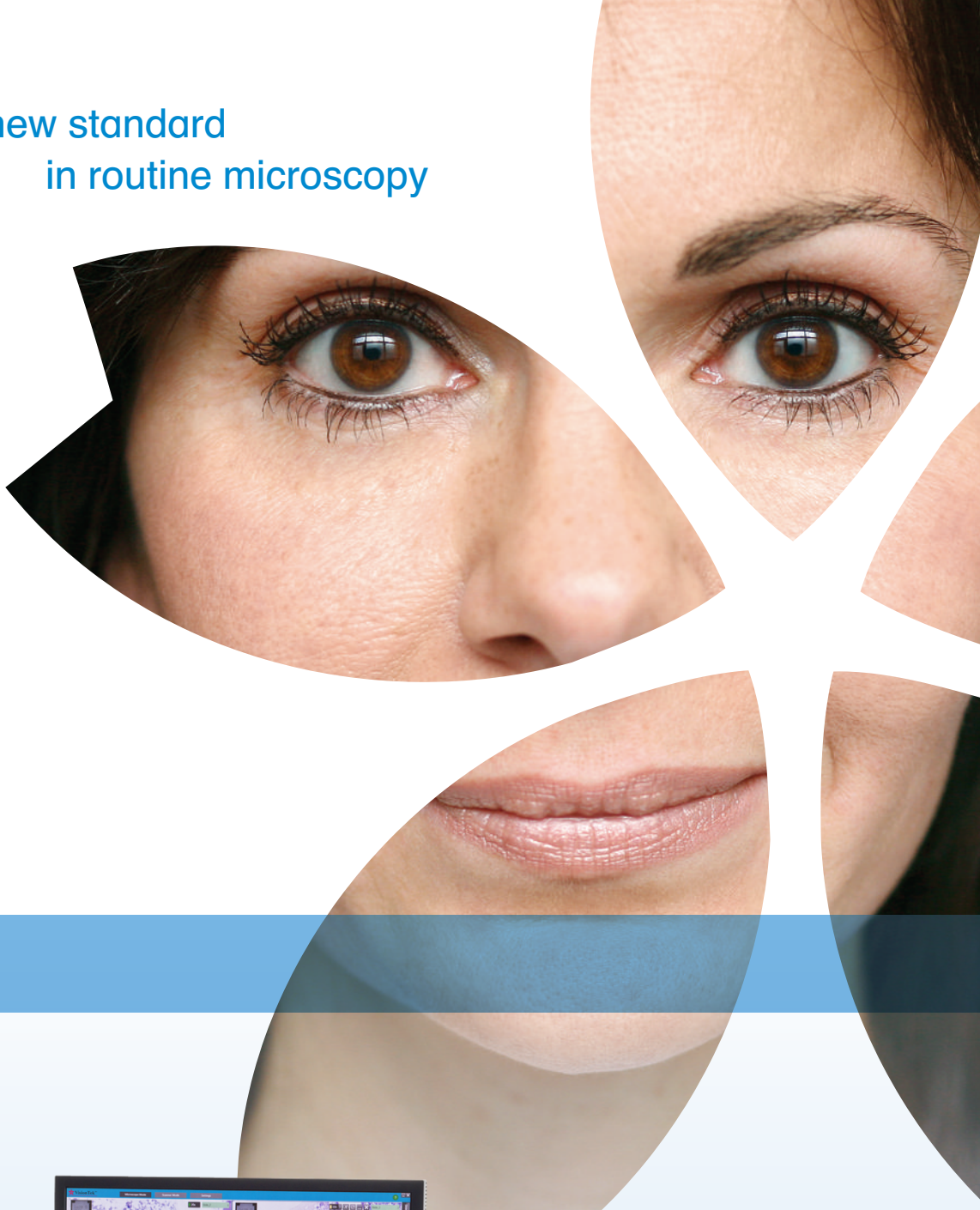
Imagine... the new standard
in routine microscopy



VisionTek®

SAKURA

Live Digital Microscope

LIVE ROUTINE MICROSCOPY ENTERS THE DIGITAL WORLD

In 1914 Sakura introduced the first Japanese microscope. Almost a century after this event, Sakura Finetek goes back to her roots and proudly introduces the VisionTek® Live Digital Microscope.

VisionTek® brings live microscopy

For years, Sakura Finetek has been a partner to histopathology laboratories. Building on the success and principles of SMART Automation, Sakura has broadened her horizons, focusing on the pathologists. Bringing live routine microscopy to the new digital world, Sakura Finetek proudly introduces: The VisionTek® live digital microscope, the first of its kind.

The multi-view mode displays up to 16 live views, all on one screen.

This high-end motorized, digital microscope captures real-time images, for live viewing and precise measurements, all within seconds. The live multi-view mode is perfect for complex cases, displaying multiple slides and stains on one screen. This not only optimizes the workflow, but can significantly decrease diagnostic time.

Live sharing of images has never been easier; the large, high-definition screen displays extensive details, which can be viewed alone or together. The snapshot option is a powerful tool for creating instant, high resolution pictures of a single slide or multi-views, which can be used directly in presentations. The perfect digital solution for consulting or informing off-site colleagues.

The VisionTek® is a live digital microscope including scanner capabilities, for scanning whole and partial slides. The pathologist now has complete control of the entire recording process.

VisionTek® optimizes live routine microscopy

- **Facilitates easy and accurate diagnosis**
- **Share live images**
- **Direct consultation**
- **User determines what and when to archive**

to the next level

The VisionTek® is specifically designed with the routine workflow of the pathologist in mind.

As a result of this focus, the VisionTek® fits the needs of all pathologists. The logical, user friendly software offers the most important features for daily use; Diagnosis, Sharing, Consulting and Archiving are made easy. The pathologist is in complete control.

As it should be.

Complex cases made easy: direct comparison of different stains within one screen.

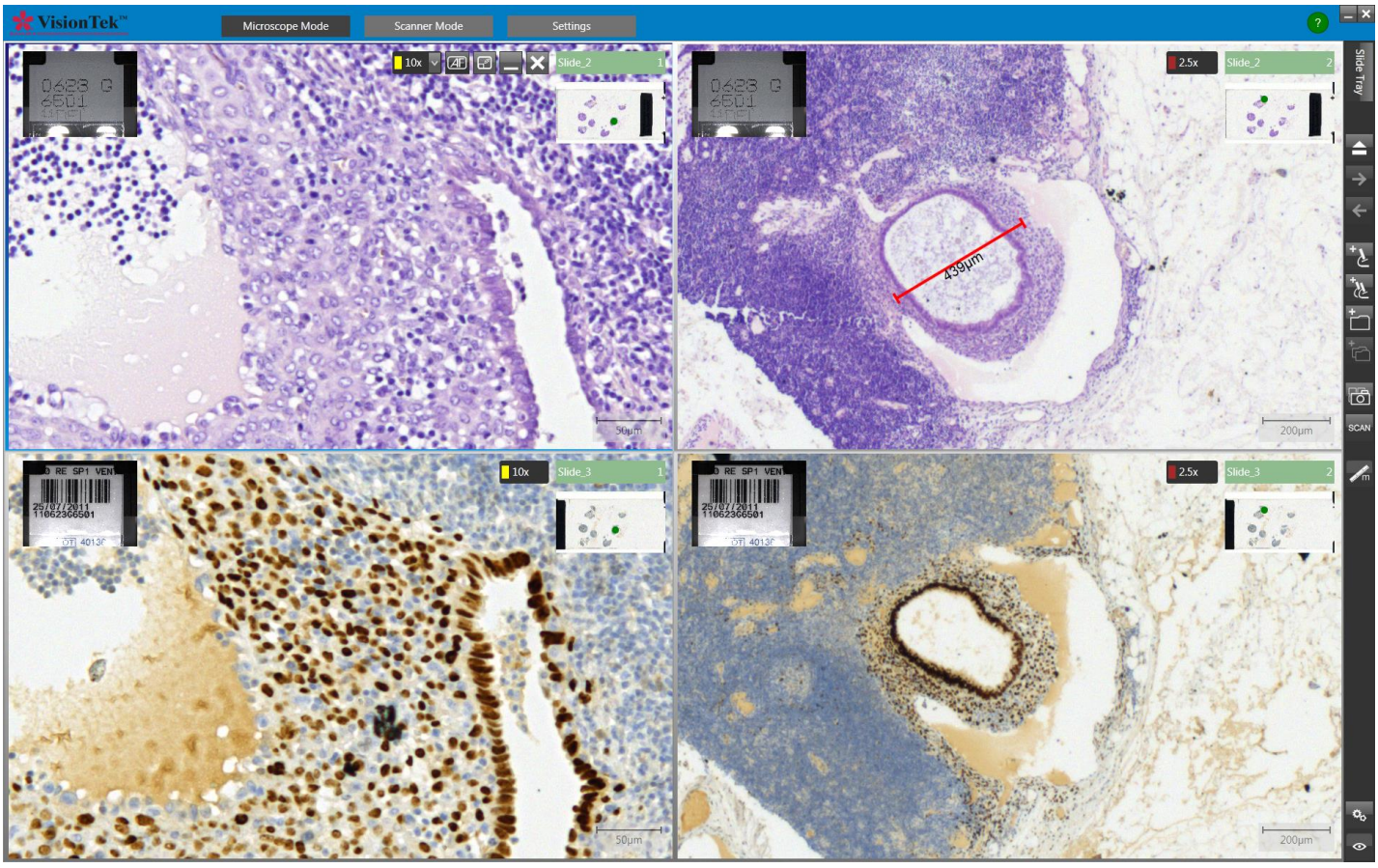
VisionTek® DIAGNOSE

For precise and expert diagnosis a detailed, crystal sharp image is essential. Through the high quality objectives and cameras, a superb live image is created and presented on the widescreen monitor. Contrary to current scanners, all displayed images are live and digital and do not need to be stored in advance.

With live images, diagnostic tools like real-time annotations such as distances and area measurements, can be used without the need to save the image first.

In addition to a detailed single live image, there is the possibility to show a multi-view of several live images, together on one screen. This unique feature provides the possibility of presenting different stains, of the same tissue, in one overview. As a result of this direct comparison, live diagnosis of complex cases is simplified and the time to diagnosis is dramatically reduced.

'Easy and precise live diagnosis'



Using annotations within the real-time multi-view, can assist in fast en precise live diagnosis.

Face-to-face education is more personal and effective.

'Sharing live and digital images has never been easier'

VisionTek® SHARE

The large high definition monitor provides an amazing live image for diagnosis. The widescreen image can also be used for other purposes. The image can be viewed by all participants in the same high resolution, making face-to-face education direct and more personal than using a multihead microscope.

High resolution snapshots of single or multi-view screens are made, just by the click of your mouse. These are instantly usable, which significantly reduces preparation time for presentations.

It is also possible to make a live connection with the VisionTek®, presenting your cases live instead of recording them first.

Presenting live or scanned images has never been easier, due to direct access to the VisionTek®.

For expert opinion, your colleague is able to look at your live slides, together with you.

VisionTek® CONSULT

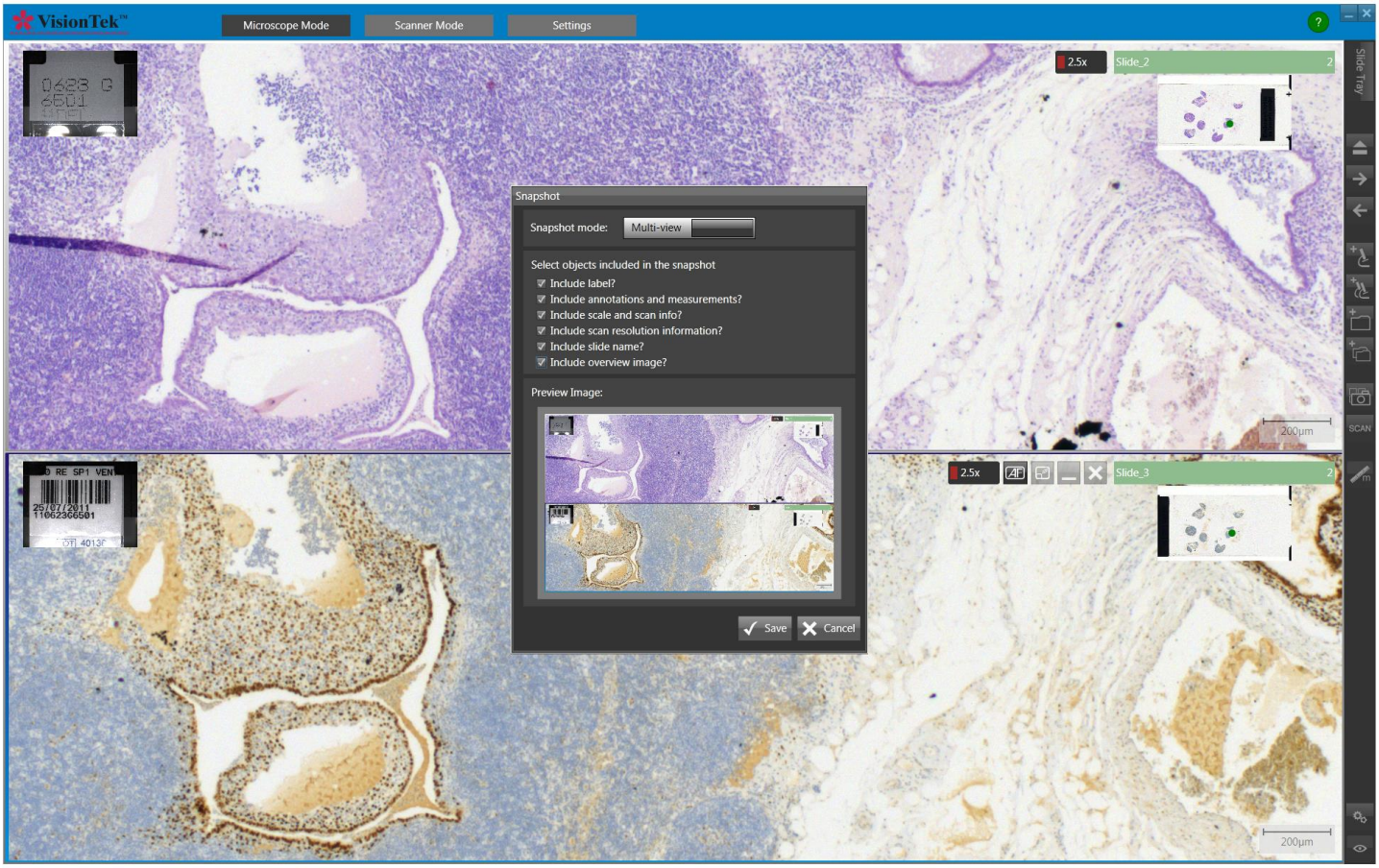
Some difficult and complex cases need an expert or second opinion. When this colleague is within the premises, consulting is easy: the high definition screen makes discussing and diagnosing cases together extremely easy.

In many cases the expert colleague will not be in the same department. With the VisionTek®, live images can be shared with remote colleagues anywhere: in another room, building, city or even continent.
Due to easy access, tumor boards will benefit optimally from sharing the real-time live slides and cases.

The live mode prevents the need for sending physical glass slides by regular post, which is unnecessarily time consuming.
All cases can be viewed live and real-time. There is no need to scan the slides and to send the extremely large digital files to the receiving party first. This will immediately save digital storage capacity for both sender and receiver. The images are also immediately accessible, due to reduced upload and download time.

'Direct and real-time consultation'

With the VisionTek® live images can be shared by remote access with anyone, in another room, building, city or even continent, real time.



The archiving process is made easy by the user friendly software.

'Full control of the archiving and storing process'

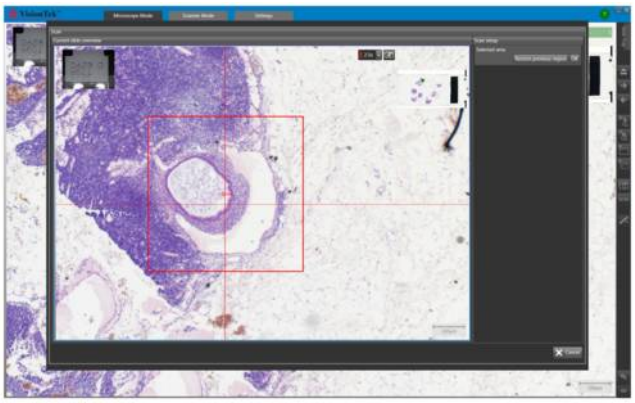
VisionTek® ARCHIVE

With the VisionTek®, the pathologist is in full control of the archiving and storing process.
As the VisionTek® is a live digital microscope, there is no need to store all the slides before viewing.
Every case can be diagnosed live, without wasting scanning time and server space. The user decides if there is a need to archive and if so, which slide or specific area of this slide is important to digitally archive.

Current scanners need to scan all the slides in advance, before diagnosis is possible. This process creates an enormous amount of data. With the VisionTek® the pathologist decides exactly why and what to scan, therefore the recorded images stay small, always in focus and manageable.

There are several options that can be used to record the desired area of interest: screenshots, high resolution snapshots, mini-, whole- or partial- and even z-stacked scanned images.

You decide what, when and how to archive.



First diagnose and then decide what is important enough to store.

PRODUCT ITEMS / SPECIFICATIONS

Item code	Description
9002	VisionTek® Live Digital Microscope, including; - Windows 7 x 64bit PC - 24 inch High Resolution Monitor - 2 VisionTek® Slide Carriers - QWERTY Keyboard and Mouse
9011	VisionTek® Slide Carrier, 4 slides each

Objectives

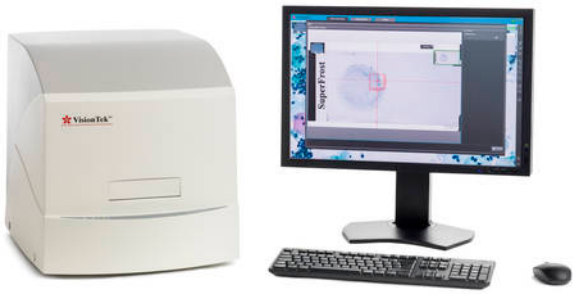
Carl Zeiss EC Plan-Neofluar 2.5x/0.075
Carl Zeiss EC Plan-Neofluar 10x/0.3
Carl Zeiss EC Plan-Neofluar 20x/0.5

Dimensions

W50 x D50 x H60 cm

Weight

35 Kg



SMART AUTOMATION
powered by sakura

First we understand.
Then we innovate.

SAKURA®

Sakura Finetek Europe B.V.
The Netherlands
Tel: +31 (0)88 592 00 00
Fax: +31 (0)88 592 00 01
sakura@sakura.eu
visiontek.sakura.eu

©2013 Sakura Finetek Europe B.V.