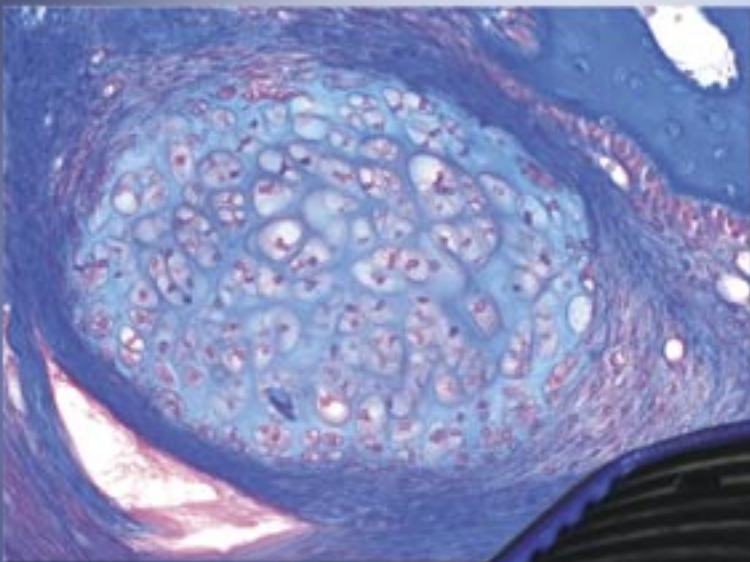


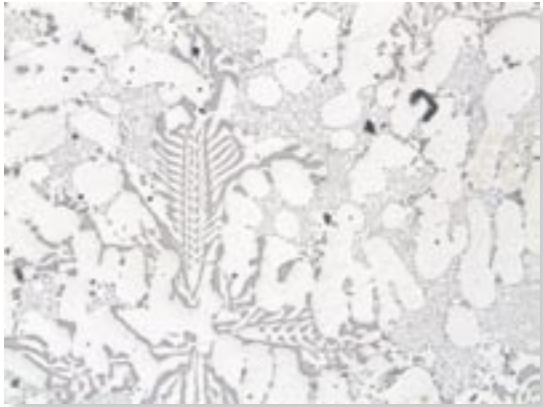
ALTRA₂₀

2 MegaPixel Digital CMOS Color Camera

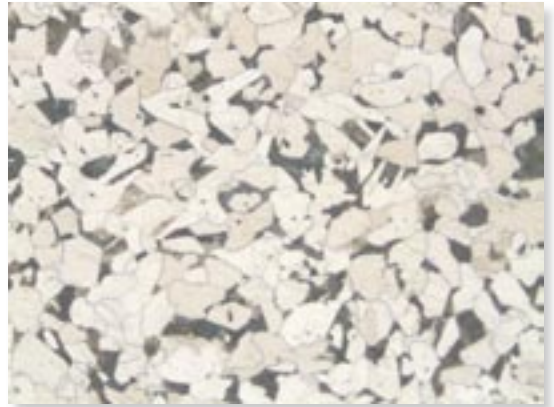


ALTRA₂₀ –

2 MegaPixel Digital CMOS Color Camera



Dendritic cast iron (including 2 different eutectics in the residue melt area)

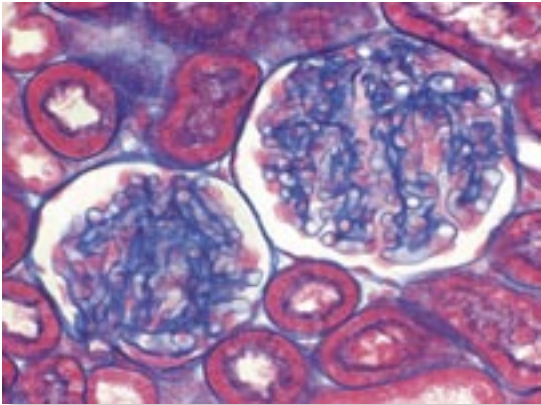


Steel sample

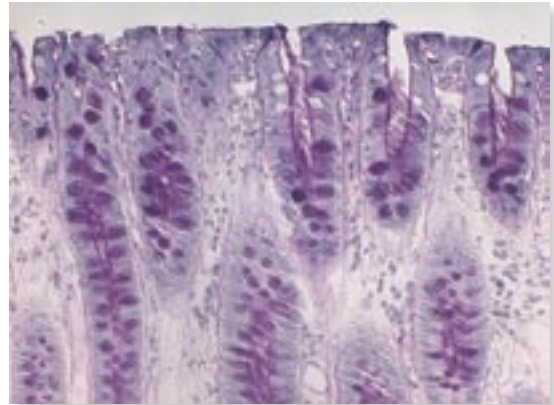
The ALTRA₂₀ comes with the software *analySIS® getIT* for live-image display and for acquisition, loading and printing out of images. In addition, the ALTRA₂₀ is fully integrated with the *analySIS® FIVE* software environment. This provides users with professional image processing, image analysis, archiving and report generation directly following acquisition. Via the TWAIN interface, camera images are directly available within TWAIN-supporting applications. In conjunction with its excellent cost/performance ratio, the ALTRA₂₀ is the ideal introductory-level model for digital acquisition for light microscopes.



The 2 MegaPixel CMOS color camera ALTRA₂₀ extends Soft Imaging System's tried and tested product line of digital color and monochrome cameras in the light microscopy field. The new camera offers excellent properties for use in standard brightfield applications and is superb for digital documentation purposes.



Kidney, rat



Colon, dog

Excellent properties

ALTRA₂₀ offers properties and features as required by today's standard-level light microscopy and digital documentation:

- high resolution,
- fast frame rates,
- sensitivity,
- a good signal-to-noise ratio,
- broad dynamic range,
- easy to install to C mount adapter,
- smart design,
- optimal cost/performance ratio

Easy to use

ALTRA₂₀ takes full advantage of today's digital technology in conjunction with analySIS® FIVE. Users obtain perfect acquisitions automatically as the ALTRA₂₀ supports:

- numerous real-time functions during acquisition,
- real-time white balance,
- interactive focusing onscreen,
- automatic image optimization,
- online measurements and labeling,
- automatic image calibration.

Camera details

The ALTRA₂₀ offers a CMOS chip with 1596 x 1196 pixels. Images are transferred from camera to PC via a USB 2.0 interface. The ALTRA₂₀ offers fast frame rates of up to 7.5 frames per second even with the high number of pixels.

Superior integration

ALTRA₂₀ is operated fully via analySIS® FIVE. Having the camera integrated with this up-to-the-minute image analysis software environment ensures users the advantages of numerous advanced functions. These functions make it easy for users to work effectively, cut costs and optimize workflows. The following functions can be done automatically with analySIS® FIVE

- image acquisition,
- image evaluation and analysis,
- image and data archiving,
- report generating.

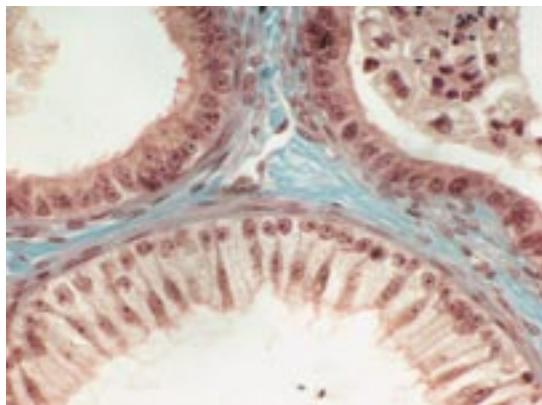
And all of this is so much easier than when using conventional solutions. As required, motorized microscopes, motor stages or other peripheral devices can be run via analySIS® FIVE, enabling users to automate complex workflows. This is a comprehensive system of fine-tuned excellence.

ALTRA₂₀ –

2 MegaPixel Digital CMOS Color Camera



Cast iron



Epididymis, dog

Specifications

- resolutions: 1596 x 1196 pixels
- chip size: 4.2 x 4.2 μm^2 , 1/2" Chip
- image frequency (live):
 - up to 7.5 frames per second @ full resolution
 - up to 30 frames per second @ 796 x 596 pixels
- dimensions: 100 x 85 x 50 mm³
- weight: 545 g
- PC interface: USB 2.0
- lens mount: C mount
- includes base-level software analySIS® getIT
- TWAIN interface
- operating system:
 - MS Windows™ 2000 / Windows™ XP

Specifications are subject to change without any obligation on the part of the manufacturer

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