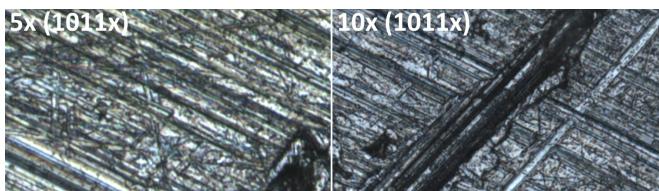


More flexibility, higher quality for your application

ZEISS Smartzoom 5 Accessories



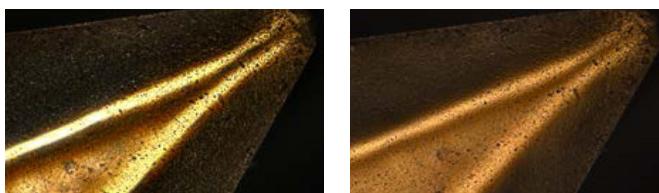
Smartzoom 5 scratch comparison image between 5x and 10x objective.



An intraocular lens (IOL), imaged with transmitted light.



ZEISS ZAPHIRE offline evaluation enables automated dimensional measurement of component features at a microscopic scale.



Cutting insert: EDF without Diffuser (left); EDF with Diffuser (right).



PCB component: without Polarizer Unit (left); with Polarizer (right).

More flexibility tailored to your application

The Objective PlanApo D 10.0x/0.6 is the perfect addition to the existing Smartzoom 5 objective portfolio to achieve even higher resolution.

The **Transmitted Light Unit (TLU)** complements the ring and coaxial illumination of the objective and is used to illuminate the specimen from below.

To perform advanced dimensional measurement tasks, the **ZEISS ZAPHIRE offline evaluation** is the optimal possibility. An **Upgrade Control Workstation AiO** with enhanced memory performance (32 GB RAM) and 24" monitor for bigger jobs is the perfect completion to ease your daily challenges and fulfills the upgrade to Windows 10.

Polarizer Unit and Diffuser are ideal attachments to minimize or homogenize reflections.

In addition, the continuously adjustable angle of the polarizer allows the degree of reflection cancellation to be individually.



Seeing beyond

ZEISS Accessories for Smartzoom 5

Achieve higher resolution with more flexibility.



Highlights

Objective PlanApo D 10x/0.6

Benefit from detailed information from an analysis of polished and etched samples,

microsections, small particles and metallographic applications.

Receive the best combination of resolution, depth of focus and tilting range.



Polarizer Unit

The polarizer unit is available as an optional accessory for the following objectives.

PlanApo D 0.5x/0.03, PlanApo D 1.6x/0.1 and PlanApo D 5x/0.3 and consists of a rotatable polarizer and a fixed analyzer. Minimize reflections from strongly reflecting surfaces to improve your image quality.



Diffuser

The diffuser is available as an option for the objectives PlanApo D 0.5x/0.03,

PlanApo D 1.6x/0.1, and PlanApo D 5x/0.3. It causes a diffuse illumination, which results in even better brightness distribution across the sample surface.

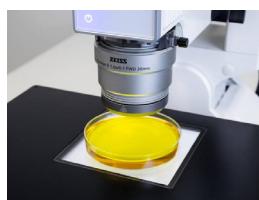


ZEISS ZAPHIRE offline evaluation

Benefit from advanced measurement tools in ZEISS ZAPHIRE offline evaluation for automated metrology on detected shapes. Assure reliable measurement results with MPE values according to ISO 10360-7:2011 for ZEISS Smartzoom 5. Especially important for metrology labs, achieved by telecentric objectives and factory-calibrated zoom systems.

Upgrade Control Workstation AiO

Benefit from improved workstation performance for bigger jobs and the possibility to install more software, like ZEN core, Conformap and ZEISS ZAPHIRE offline evaluation.



Transmitted Light Unit (TLU)

The TLU illuminates samples from below. It is mounted to the scanning stage

to generate contrast from transparent samples or sharp contours at opaque samples for advanced measurement applications like ZEISS ZAPHIRE offline evaluation.

Carl Zeiss IQS Deutschland GmbH

Carl-Zeiss-Straße 22
73447 Oberkochen

E-Mail: insidesales.metrology.de@zeiss.com
www.zeiss.de/imt