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## Material Analysis

**H 600 AM PF and Wiloskop ST PF**  
**Incident-light microscopes with image analysis**

# H 600 AM PF

The modular incident-light microscope H 600 was designed for material labs and workshops. With its powerful cold light source and with high-quality epi-illumination objectives, it is ideally suited for the analysis of technical surfaces, e. g. to study surface or microstructures.

## Configuration:

### Episcopic illumination

- External 150-W halogen illumination via light guide, tube factor of the illuminator: 1.66x

### Nosepiece

- with ball bearing and objectives
- EPI A 4/0,10
- EPI A 10/0,30
- EPI A 20/0,50 (spring loaded)
- EPI A 40/0,65 (spring loaded)

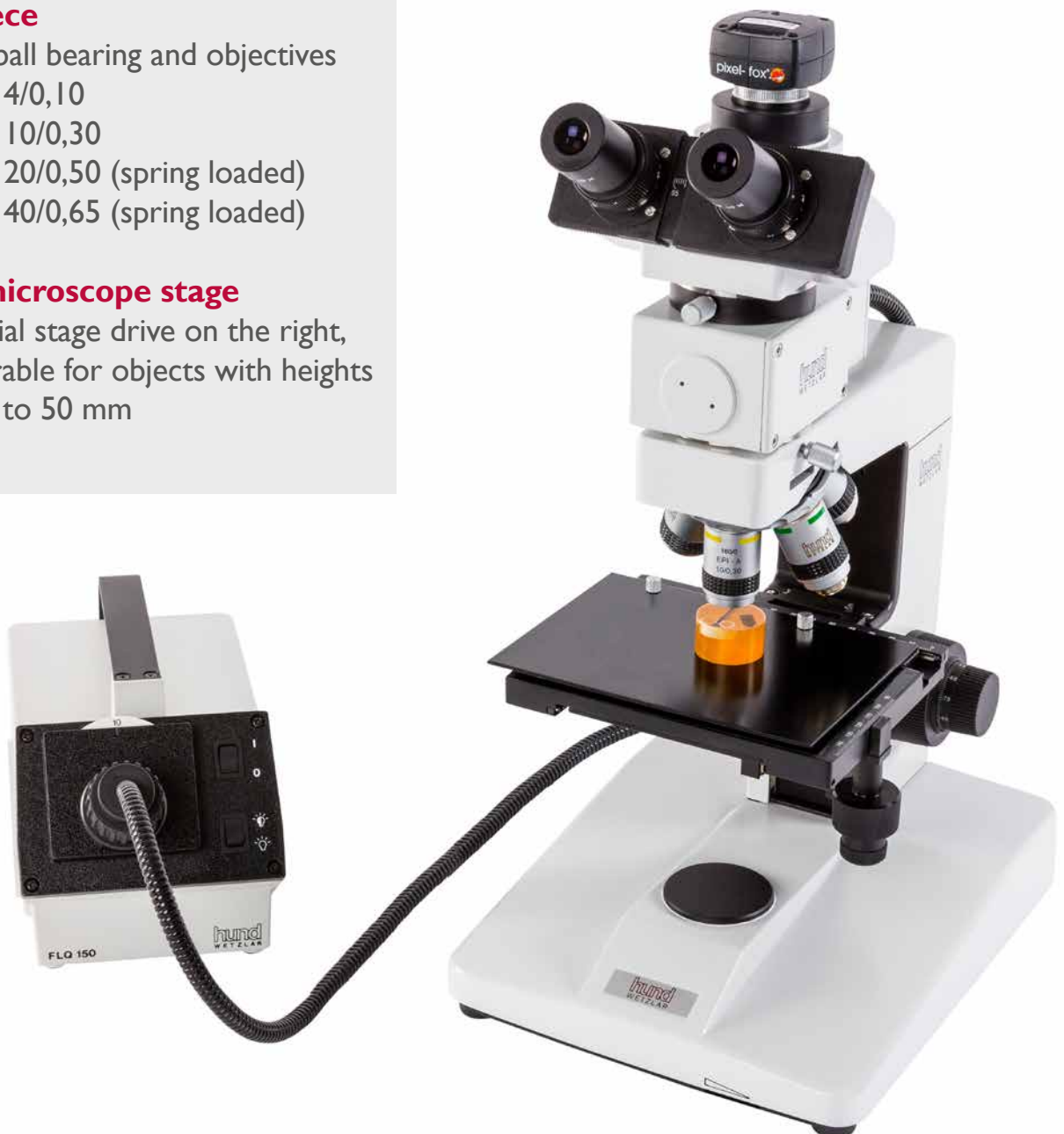
### Large microscope stage

- Coaxial stage drive on the right, lowerable for objects with heights of up to 50 mm

The lowerable stage allows the examination of samples with heights of up to 50 mm. With the imaging system pixel-fox® (dhs), dimensional measurements and their documentation becomes possible.

### Observation tube

- Trinocular (30/70), with eyepieces WF 10x/18 and C-Mount adapter 0.5x



# Wiloskop ST PF

The stereomicroscope Wiloskop with incident-light stand is perfectly suited for material tests, in manufacturing control and quality assurance. Its LED ring light can be segmented

and therefore allows imaging of even demanding surfaces with high contrast. The incident-light stand is equipped with a black-and-white turning plate for optimal background contrast.



## Configuration:

### Stand

- Incident-light stand with focusing arm and safety stop, adjustable friction of the focusing drive, black-and-white turning plate for optimal background contrast

### Zoombody

- Objective magnification 0.67x to 4.5x
- Free working distance 100 mm, with eyepieces WF 10x/22
- Visible object field: ca. 5 mm to 33 mm diameter

### Illumination

- LED ring light, mounted to zoom body with adapter ring
- External power supply for brightness control and illumination geometry settings

# pixel-fox®

pixel-fox® by dhs is the image system with digital microscope camera and software to store, measure and annotate microscopic images. The standard USB 3.0 interface and the C-Mount standard allows uncomplicated use

with both H 600 AM PF and Wiloskop ST PF. High-quality hardware and a comprehensive, easy-to-use software provide optimal images and a wide variety of tools for dimensional analyses.

## What's in the package?

- Digitalcamera with resolution 4.92 MPix (2569 × 1920), C-Mount, USB 3.0 interface
- Stage micrometer for length calibration
- Memory stick with pixel-fox® software
- USB dongle with software licence
- USB cable (3 m) with screw-on, angled connector



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