

# POLARISCOPE

Process analysis and quality assurance

## APPLICATION

Other quality features can be identified using the same equipment that is used for checking the genuineness of gemstones: Stresses and inclusions in the transparent injection-molded parts can be very easily detected with our polariscope, for example.

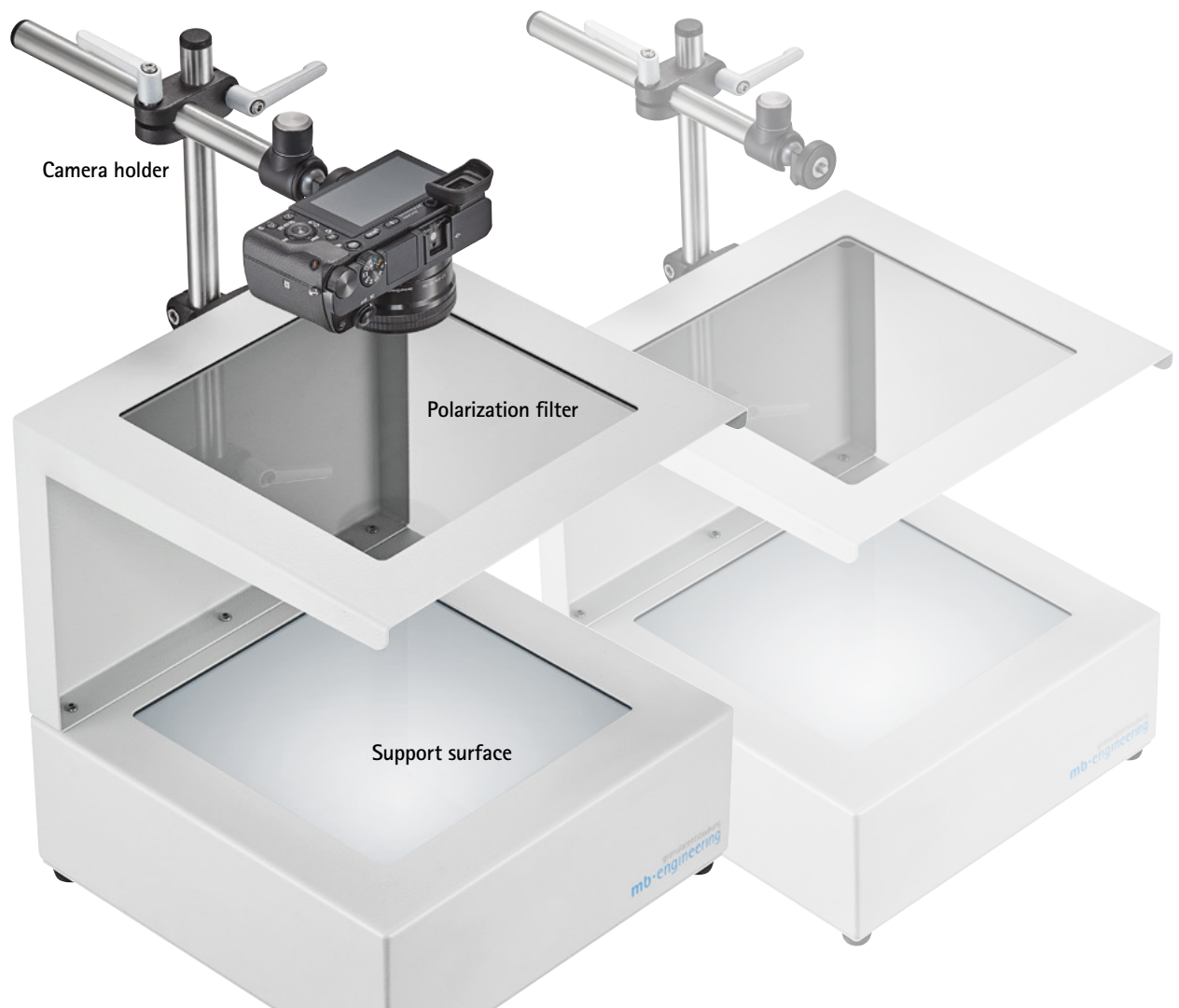
## PROPERTIES

- Powerful LED light source, 12 W, 6500 K, cold white light
- Testing surface area 200 x 200 x 200 mm
- Process optimization in the manufacturing of transparent plastic parts
- Analysis and documentation of stress conditions and cracks

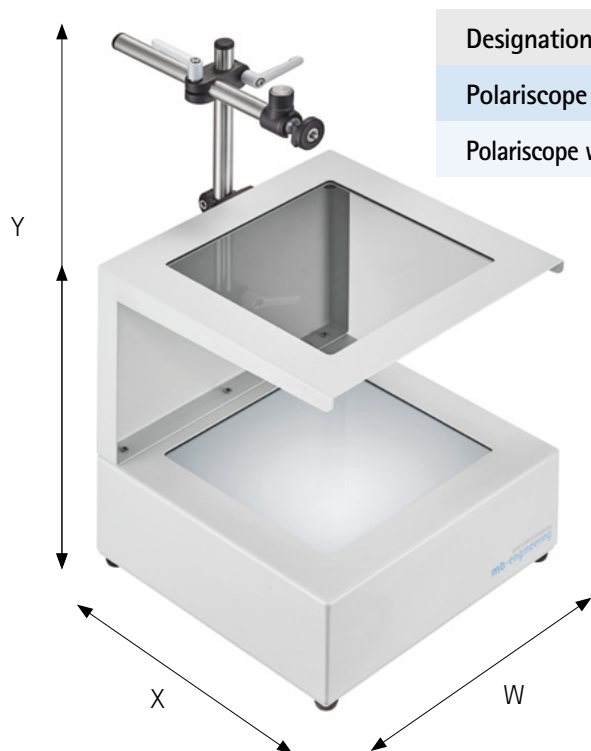
## OPTIONAL

Quick and easy quality assurance in the field:

An optional camera holder allows a camera or measuring unit to be attached without tools for professional documentation or product inspection. This way, inexpensive 100% checks can be performed directly in production or in the outgoing goods inspection.

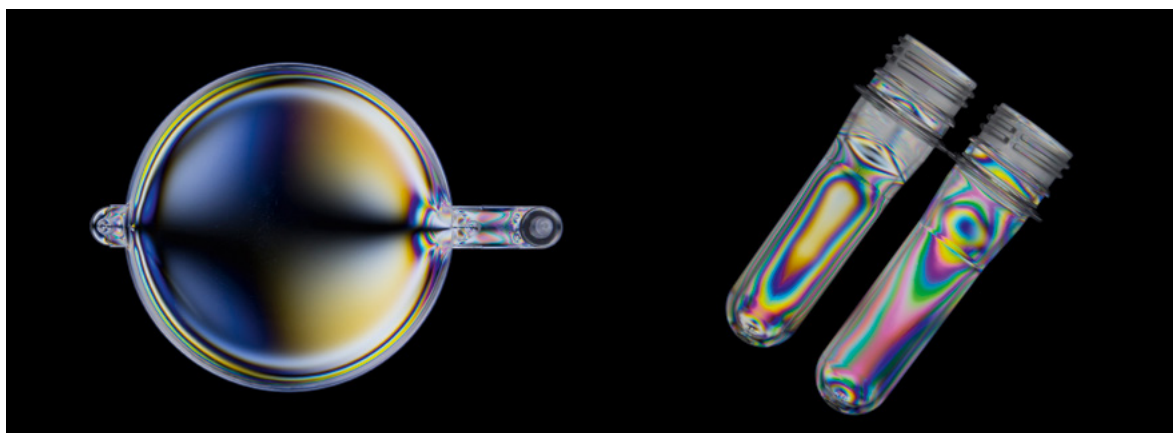


## DIMENSIONS



Designation	W (mm)	X (mm)	Y (mm)
Polariscope with camera holder	280	280	474
Polariscope without camera holder	280	280	310

## APPLICATION



Even small internal stresses can have a negative impact on the function of optical components. Light waves which would otherwise be white can be converted into color images using crossed polarizers. The interference colors made visible this way can now be easily classified into stress ranges.

