

Gonio II - VIS

The Goniometer II is the ideal workshop instrument when measuring prism angles in reflection and transmission. Whereas the alignment of the autocollimator to the prism surfaces is done visually, the reading of the integrated incremental circle of highest precision and evaluation of measurement is done automatically via PC and special counter board using the software GONIOWIN.

The Goniometer II can be simple upgraded to a Goniometer-Spectrometer II VIS by adapting a spectral illumination.



Technical Data

Telescope/Collimator glass optics $f = 300$ mm

Accuracy of angle measurement
(mean error of series measurements) < 0.6 arcsec

Spectral range 436 - 650 nm

Accuracy of refractive index measurement
(mean error of series measurements) 1×10^{-5}

Reading of the measuring results

Alignment visual with autocollimator

Reading of incremental circle automatically via computer and built-in counter board

Evaluation automatically with GONIOWIN software

Spectral lines

wavelength λ , in nm	line	element
479,99	F'	Cd
546,07	e	Hg
643,85	C'	Cd