

Spectrophotometer Photon RT LWIR

The spectrophotometer Photon RT LWIR is designed for the automatic transmission measurements of plane optics for the angles of incidence from 0° up to 60° and the reflection measurements under the fixed angles of incidence e. g. 10°, 30°, 45°, 60° in the wavelength range from 7,500nm up to 14,000nm in p- and s- polarisations.

available spectral ranges:	7,500-14,000nm
photometric functions:	absolute transmission reflection with reference mirror for p- and s-polarisations
variable angle measurements:	0°- 60° (transmission tunable) 8°- 60° (reflection with interchangeable sample stages)
optical density:	up to OD4
beam spot:	6x2mm
beam divergence:	+/-1°
angle resolution:	0.01°
wavelength pitch	5-100nm
wavelength resolution:	15nm
wavelength accuracy:	+/-4nm
repeating accuracy:	+/-2nm
max. plane sample size:	up to 150 x 200mm
device size:	760 x 380 x 350mm (W x D x H)
device weight:	up to 90kg
power input:	110/220V, 50/60Hz

