

Spectrophotometer Photon RT ULTRA

The spectrophotometer Photon RT ULTRA is designed for transmission measurements of plane optics with optical density up to OD8 with the spectral resolution down to 0.1nm for the angles of incidence from 0° up to 45° in the wavelength range from 340nm upto 2,000nm in p- and s- polarisations. It is used for measurements of narrow band filters, filters with steep spectral characteristics, coatings and materials with high optical density.

available spectral ranges:	340-2,000nm
photometric functions:	absolute transmission for p- and s-polarisations
variable angle measurements:	0° - 45° (transmission)
optical density:	OD6 for 340-420nm OD8 for 420-925nm OD7 for 925-2,000nm
beam spot:	4x3mm
beam divergence:	+/-0.2°
wavelength resolution:	0.10nm for 340-400nm 0.06nm for 400-990nm 0.13nm for 990-2,000nm
wavelength accuracy:	up to +/-0.04nm
repeating accuracy:	up to +/-0.02nm
max. plane sample size:	up to 90 x 120mm (up to dia 152.4mm)
device size:	820 x 545 x 360mm (W x D x H)
device weight:	up to 60kg
power input:	110/220V, 50/60Hz

