REFLET: Scattering Measurements

BRDF Measurements of Very Low Scattering Sample

With the REFLET Bench's new detection system composed of several detectors, we can now reach a high dynamic value of 10^9 in our scattering measurements.

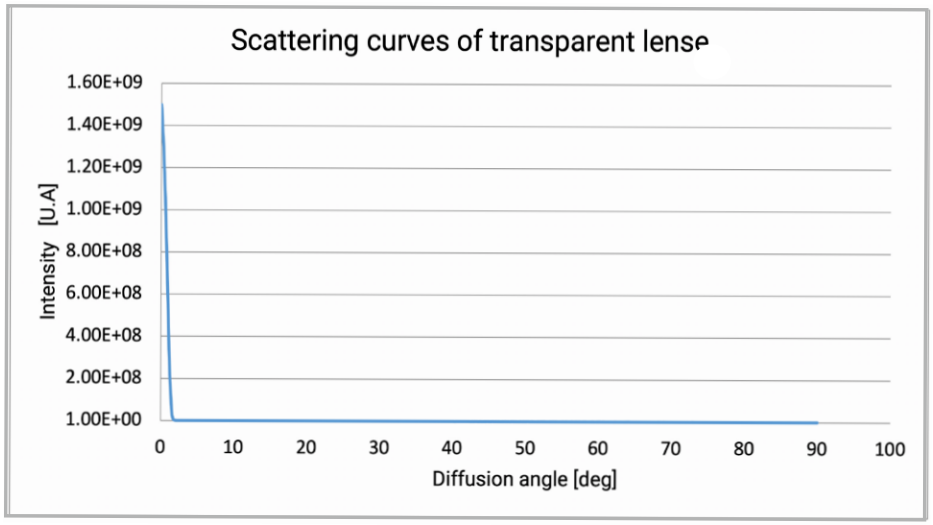
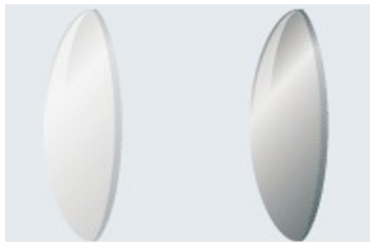


Figure 1: Example: Measurement of transparent glass lenses

In one scan, we have access to the maximum scattering peak value, and to the scattering lobe information, which is not possible with the standard detector (photodiode).

This system allows manufacturers of glass, crystal, or any transparent object to characterize transmittance and scattering of their samples. It also supports analysis of surface planarity, roughness, and defects.

Easily compare different surfaces, that may appear identical to the human eye or with other measurement equipment, but do not
share the same optical properties.



Glass lens