

Filmonitor6110

Online Spectrum Transmittance Measurement System

Measure spectrum transmittance of glass and can be installed in vacuum chamber.



Brief

The Filmonitor6110 is used to measure the spectrum transmittance of glass in Low-E line, which not only can be installed at the position after washing, but also can be installed in vacuum chamber. It can inspect quality and uniformity of float glass and can monitor the color changes after each coating in vacuum chamber. It is significant for Low-E coating monitoring, especially for double and triple Low-E coating. Filmonitor6110 could measure spectrum on each layer of films so as to strictly control over the color and performance of Low-E glass. To get high quality coating, the system monitors spectrum curve of each layer of film, compare them with the target curve and find difference, thereby to guide technicians to adjust coating techniques, realize overall quality management.

Parameters

Item	Parameters	Item	Parameters
Geometric conditions	8°/8°	Wavelength range	380~1000nm
Head mode	Fixed	Wavelength interval	5nm
Light source	Halogen / LED	Wavelength accuracy	≤ 0.3nm
Glass thickness	2~19mm	Wavelength repeatability	≤ 0.1 nm
Measuring speed	~ 1s		
Repeatbility	L *,a *,b * < 0.1 RMS		
Reproducibility	L *,a *,b * < 0.1RMS		

Remark: Aoptek reserves the right to modify the information, the actual instrument & manual be as final.