

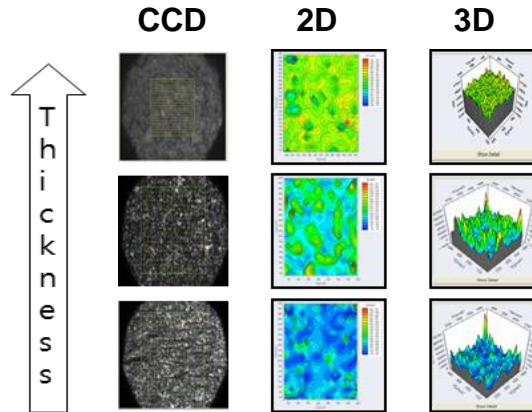
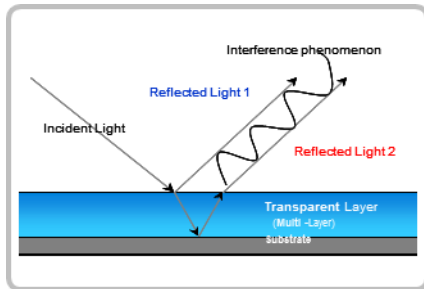
Optical Organic Solder Preservative OSP Thickness Measurement

Specifications:

Wavelength	420nm ~ 640nm
Thickness	350Å ~ 3μm (depending on samples)
Min. Spot Size	1.48μm(5X), 0.148μm(50X)
Target Area	864 x 648 μm / 86.4 x 64.8 μm
Lens	5X, 50X
Size of sample stage	200mm x 200mm

$$R_{\lambda} = f(n_{\lambda}, k_{\lambda}, t_{\lambda})$$

where:
n: Refractive index
k: Extinction coefficient
t: Thickness



K-MAC ST2080-OSP

Benefits:

Optical, non-destructive OSP measurement
Fast Measurement (400 points / 40 sec)
Auto-focusing
2D & 3D Mapping