



# Polariscope

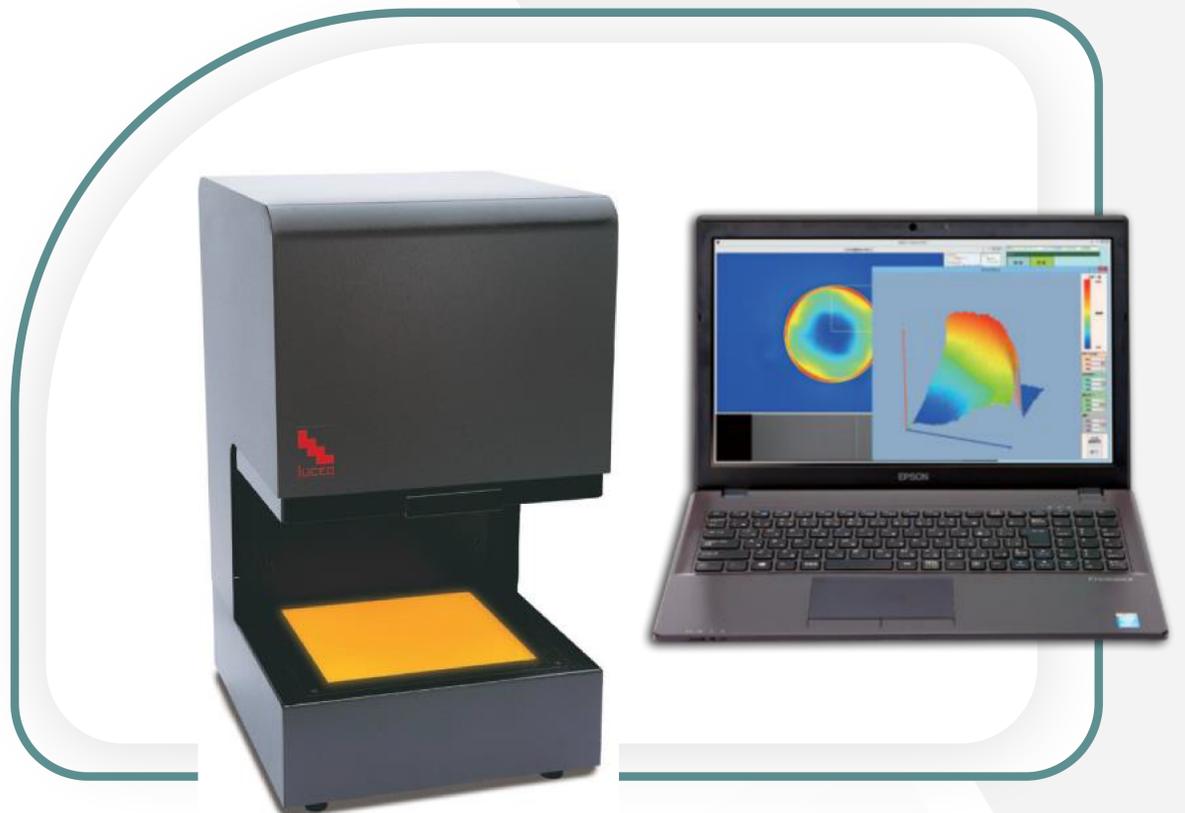
Accurate Measurements/Fast and Simple Operation

## Fullauto StrainEye

## LSM-9002

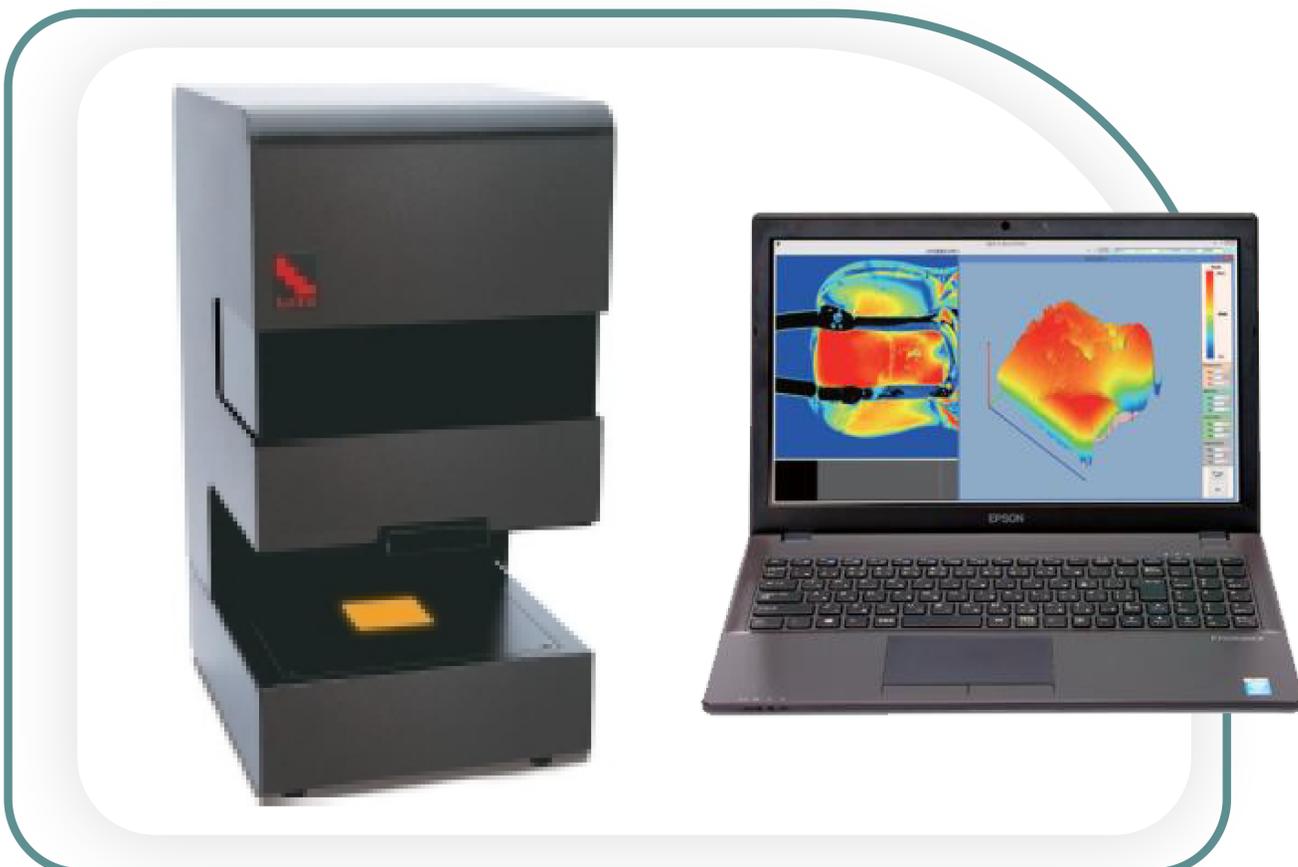
### Product Family

- Measures residual stress caused by strain in transparent glass or plastics.
- Manufactured with high-quality optical filters & polarizers.
- Measurements supported by powerful data analysis software.



## LSM-9002LE

[Standard]



## LSM-9002S

[Equipped with a 6X zoom lens]

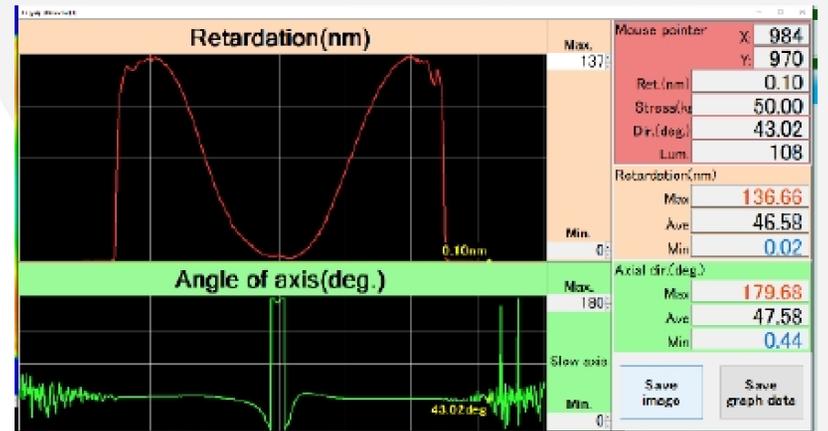
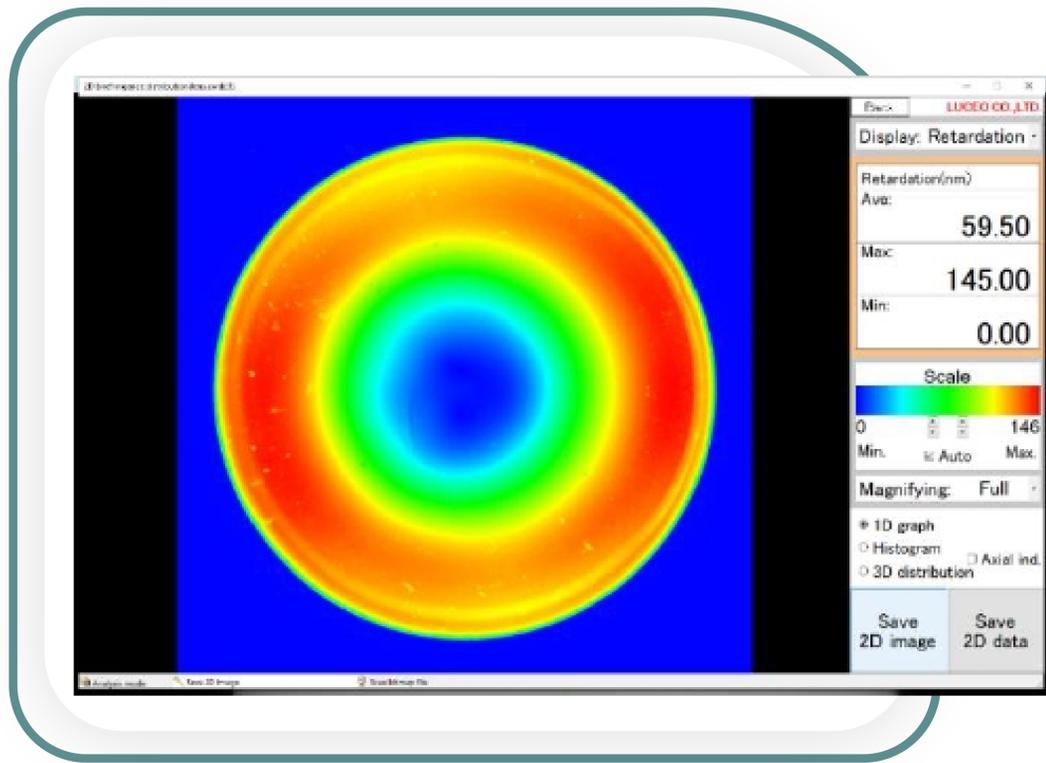




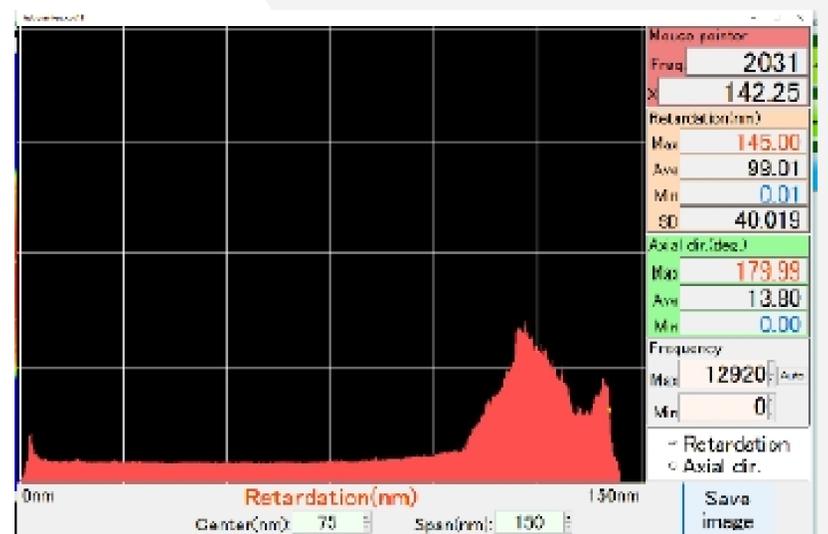
# New Software

Equipped with new user-friendly software compatible with Windows 11.

## Measurement Case Optical Lens



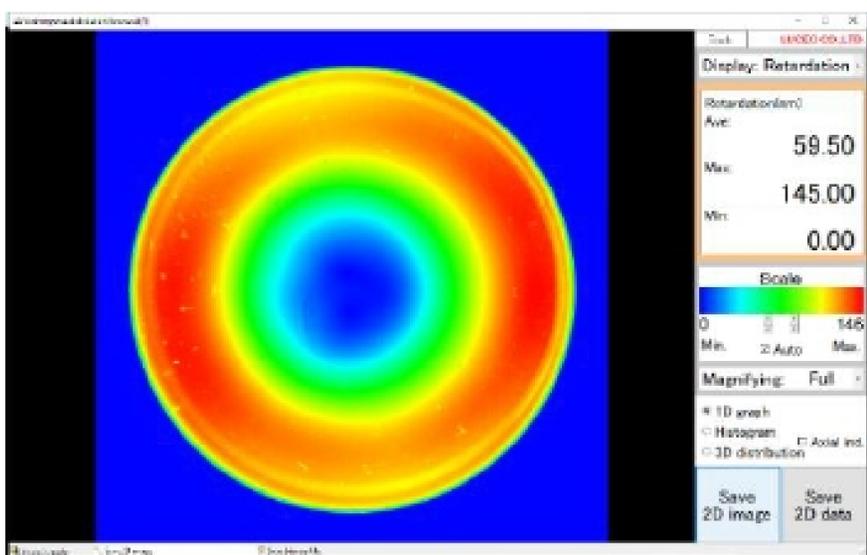
1D Graph above shows retardation data along the line you set.



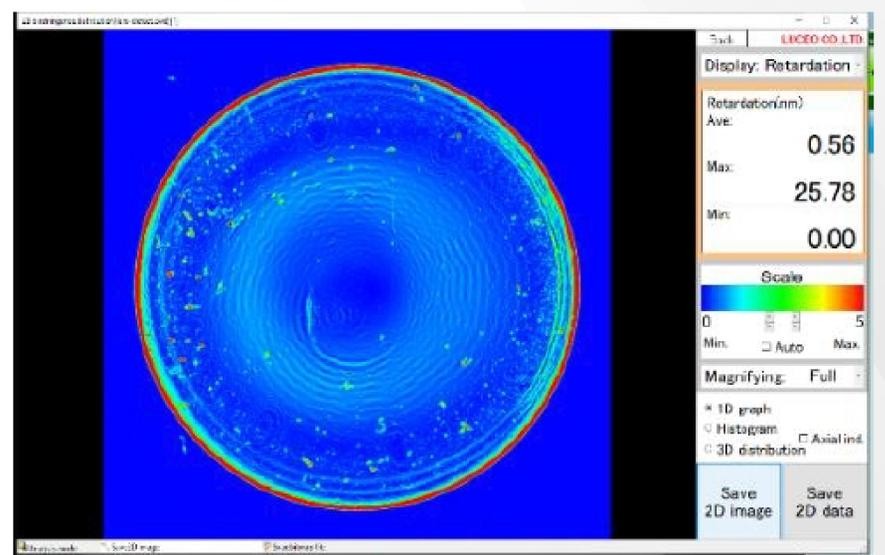
Graph above shows a histogram with the area you set in left result.

## New Analysis Mode

New defect detection mode, which can locate scratches, dents and foreign objects.



Standard Mode (Retardation)



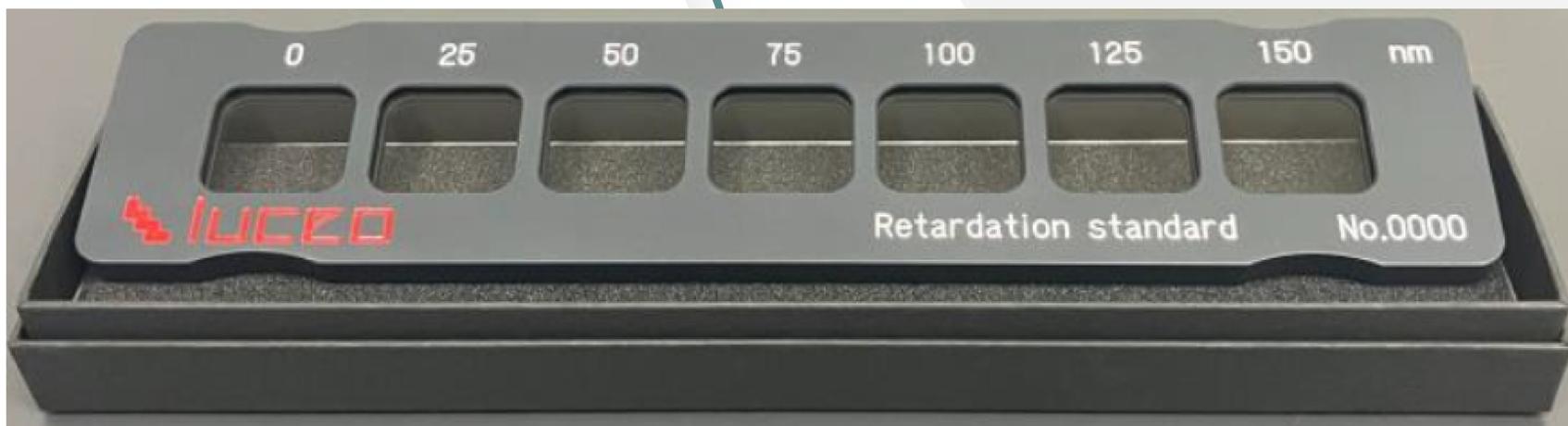
Defect Detection Mode





# Retardation Standard

Included with each polariscope - used to validate system operation. Retardation range may be modified on special order



## Specifications

<b>Model name</b>	LSM-9002LE	LSM-9002S
<b>Size(body)</b>	W300×D353×H540 mm	W300×D353×H580 mm
<b>Sample placement space (height)</b>	0~160 mm	0~115 mm
<b>Measurement area size</b>	205×205mm	MAX : 60×60mm MIN : 10×10mm
<b>Measurement range</b>	Re : 0~130nm	
<b>Repeat accuracy</b>	$\sigma = 1\text{nm}$	
<b>Effective pixels</b>	1100×1100	

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