

715 | Cure Tester

Non-contact drying and curing evaluation

■ APPLICATION

Evaluation of drying and curing status for paint coating, adhesives, etc. Using holograph technology enables analysis of phase from reflected light on coatings, which realizes visualization of image of drying spectrum and quantified evaluation of drying status from set-to-touch to touch dry by.



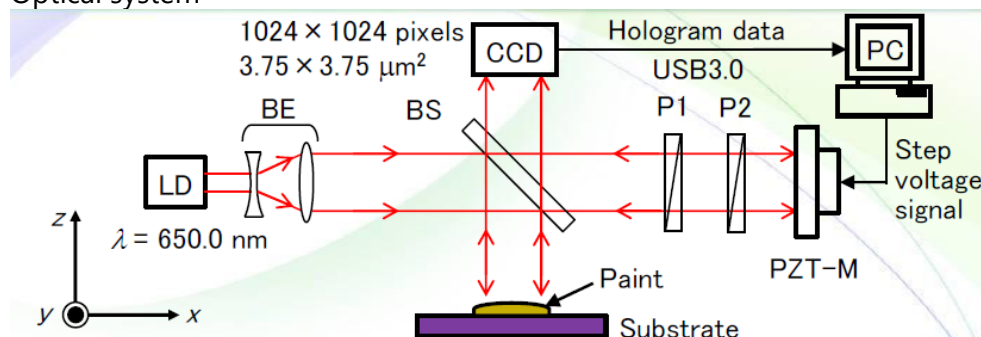
■ FEATURES

- Recording and replaying wavefront of reflected light from coatings irradiated with laser
- Non-contact and quantified evaluation
- Evaluation and visualization of irradiated 3-dimensional surface irradiated with laser
- Drying and curing spectrum evaluation

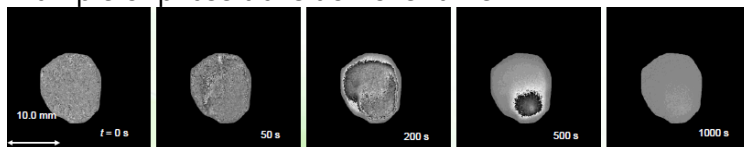
SPECIFICATIONS

Model	DH-1
Measurement principle	1 minutes to 1200 hours, depending on measurement intervals
Measurement scope	ϕ 20 mm
Measurement intervals	2 sec
Camera	Monochrome 1280X960 pixel 30fps Pixel size: 3.75x3.75 μm Connection: USB
Laser	Wavelength 650nm , Max output 30mW , Class B
Image process	Software process
PC	Desktop, Monitor: 21 inch or wider
Power	AC100V 50/60Hz 5A
Dimensions	W488 x D160 x H400mm
Weight	Approx. 10kg
Option	UV radiation control Molde DH-UV

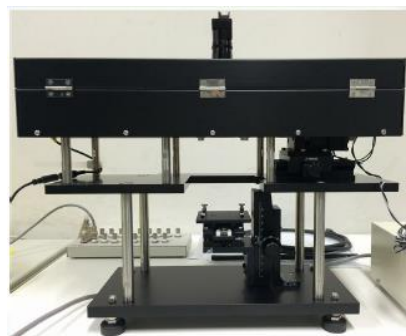
Optical system



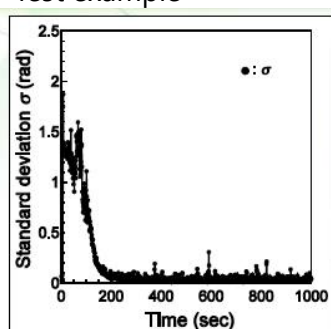
Example of phase transition over time



Test unit



Test example



Specifications are subject to change without notice.

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20250122 SM (2025.1 JP)