

DSMC-10A M1

Sampling Moire Camera Off-line Analysis Software



Specifications

Main Functions

- Re-analysis using saved images of sampling moire camera
- Displacement analysis with BMP data converted from images taken with commercially available camera (Converts JPEG and AVI with attached software)
- Analysis for max. 24 areas in one operation
- Comparison of analysis data
- Parameters can be changed during reanalysis
- Output analysis results to CSV file
- Save displacement distribution image

Operating Environment

OS	Windows® 10 Professional
	64 bits support
CPU	Intel Core i7 or advanced
Memory	16 GB or more
Storage Capacity	SSD 240 GB or more
Screen Resolution	1920 × 1080 or more, 24-bit color

■ Optional Accessories Grating sheet DSMC-TG

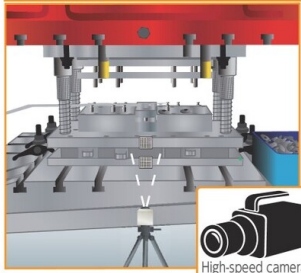
Easy analysis of images captured with various cameras

- Displacement analysis from standard camera images
- Analyze up to 24 areas
- Outputs analysis results to CSV files

This software uses images captured using standard digital cameras or high-speed cameras to analyze micro-displacement including in the depth direction of various structures.

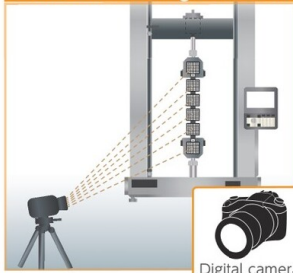
■ Application Example

High-speed press die displacement measurement



High-speed cameras

Elongation deformation measurement during tensile test



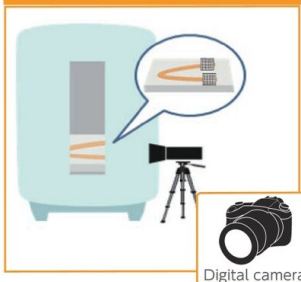
Digital cameras

Water tank deformation measurement



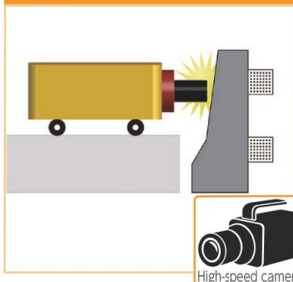
Digital cameras

Composite thermal deformation measurement



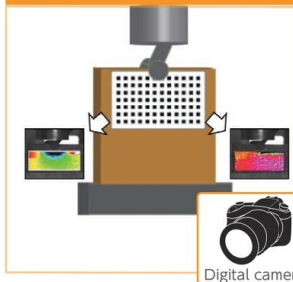
Digital cameras

Displacement measurement at impact



High-speed cameras

Wood compression test/ Displacement deformation measurement



Digital cameras

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Measurement System



Traffic
System

Automotive
Test
System

Civil
Engineering
Measuring
System

Test
Equipment &
System