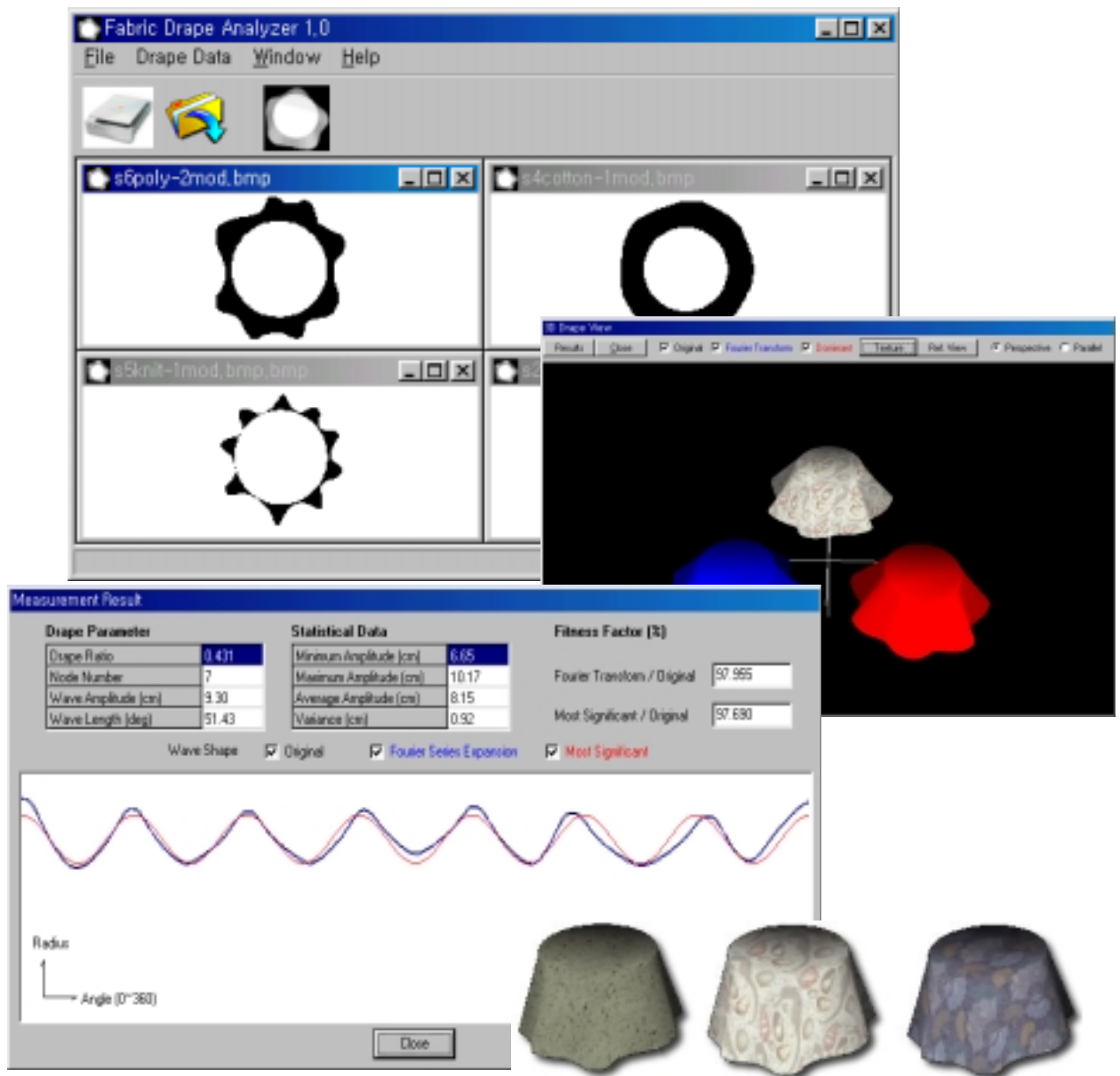


Drape Analyzer DM02

D&M Drape Tester Using Vision System and Shape Analyzer



Objective and Quantitative Evaluation of Fabric Drape

is running under the MS Windows 9x above.

is implemented with Currently Used Drape Testers and Attachments for Camera Setting.

uses an Image Captured by Digital Camera or Scanner without Paper Marking and Cutting.

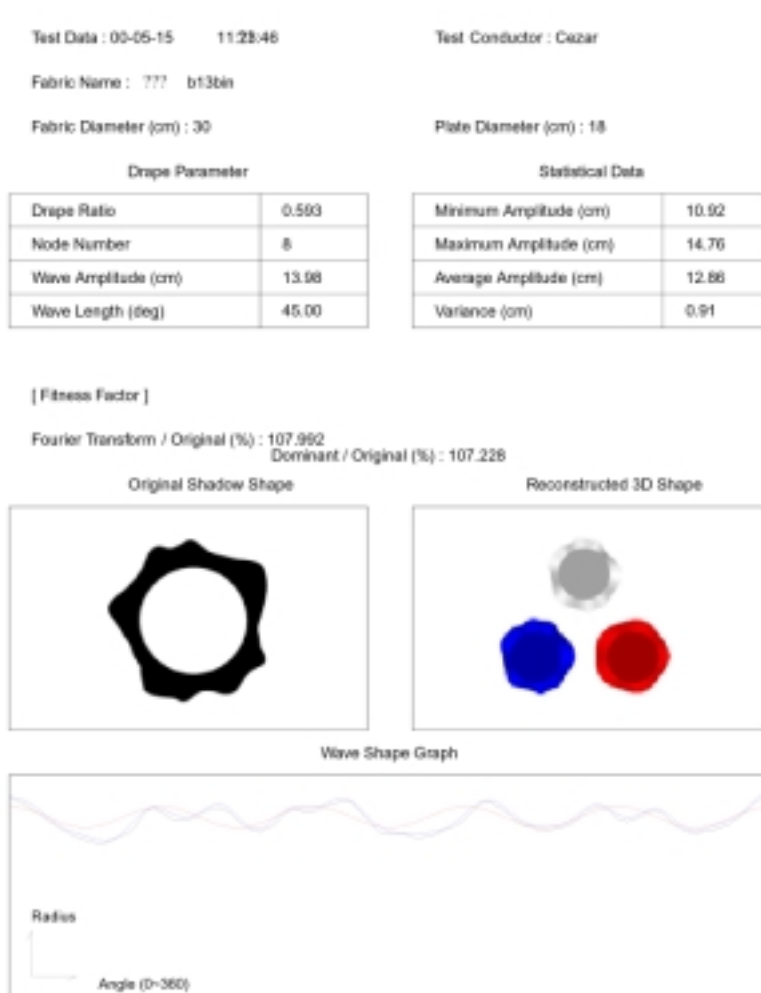
supports 3-dimensional Texture Mapping to Drape Image.

reports Statistical and Shape Parameter Analysis as well as Drape Coefficients

outputs an On-line Documentation with Drape Image

	Drape Analyzer DM02	OLD Drape Tester
Hardware Provided	Attachment	Drape Generator and Light
Image Used	Shadow	Shadow
For Image Capture	Digital Camera or Scanner	Pen, Paper and Scissors
Drape Coefficient	by Image Processing	by Weights
Shape Analysis	Yes	No
Statistical Analysis	Yes	No
3D Drape Modeler	Yes	No
Texture Mapping	Yes	No
Operator	Computer System	Human

DRAPE METER ANALYSIS REPORT



Drape Properties

- Drape Coefficient
- Drape Wave Amplitude and Wave Length
- Number of Drape Waves or Nodes
- Statistical Data
 - : Max. and Min. Wave Amplitudes
 - : Average of Wave Amplitudes
 - : Variance of Wave Amplitudes

Advantages

- Easy to Implement With Any Existing Drape Tester
- Quick Drape Measurement Automated
- Numerical and Statistical Analysis
- Shape Evaluation
- Reliable Standard for Fabric Trade
- 3-dimensional Image Generator
- Texture Mapping

Environments

- OS : MS Windows 9x above
- Stand Alone Type
- Expert and Academic Versions available
- IBM PC compatible (Pentium above)
- Resolution (800 x 600 above)

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