Pressure Distribution Mapping System for FPD-8010E

▶ Easy to understand Prescale Pressure Analysis Software is now available!

FPD-8010 provides a wide range of effective presentation and report functions utilizing FPD-8010E software and a scanner to digitize Prescale outputs to allow the user to produce multi-faceted measurement data such as pressure distribution and enlargement, cross-sectional distribution, and 3-D image display. This serves to accelerate product development and improved yields based on detailed multi-faceted measurement data and analysis.

▶ System Configuration

Dedicated Software

Converts Prescale density into pressure values.

Epson Perfection Scanner

Resolution: 4800 dpi x 9600 dpi
Scan with USB 2.0 Hi-Speed.

Calibration Sheet

The calibration sheet limits scanner-read errors to a fixed range.

▶ How to use

Prepare the colored Prescale.

Scan Prescale Samples.

Perform analysis utilizing FPD-8010E Software.
Software Functions

Overall Measurement

Various data such as average pressure and minimum pressure are displayed.

Partial Enlargement

The specified field is enlarged. (X 4, X 8, X 16)

Pressure Cross Section

Pressure distribution on a line passing through a specified point is shown on a line graph.

Wire Frame

Pressure is displayed in 3-D format.

Text Data Output

Pressure data is exported to a text file.

Pressure Distribution Animation

Step-by-step pressure values are displayed in animated format.

Specifications

<table>
<thead>
<tr>
<th>Product Name</th>
<th>FUJIFILM PRESSURE DISTRIBUTION MAPPING SYSTEM for PRESCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>FPD-8010E</td>
</tr>
<tr>
<td>Main Funktion</td>
<td>Prescale image input function / pressure data output function / 3D display function / polar coordinate display function</td>
</tr>
<tr>
<td>Scan Sizes</td>
<td>Single Read: 297mm x 210mm (11.7 in x 41.3 in) Maximum: 891mm x 1050mm (35.1 in x 41.3 in)</td>
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<tr>
<td>Resolution</td>
<td>0.125 (200 dpi), 0.25 (100 dpi), 0.5, 1.2mm sq</td>
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<tr>
<td>Fault Tolerance</td>
<td>+/- 10% of measuring result</td>
</tr>
<tr>
<td>Packed Items</td>
<td>Dedicated software, dedicated cover, calibration sheet, installation manual, software license, Epson Perfection Scanner</td>
</tr>
</tbody>
</table>

Recommended Software Environment:

- OS: Windows® 2000 Professional SP4
- Windows® XP Home Edition
- Windows® XP / Professional SP2
- Windows Vista™ Business
- Windows Vista™ Home Premium

- CPU: Pentium® III 1GHZ or higher
- Memory: 512 MB or higher
- Display: XGA or better, 65,000 colors or more

Please find further information:  www.prescale.eu / www.fujifilm.eu