Visual Documentation of Test Sequences

Pictures speak louder than 1000 readings
Never miss a moment

Adding and correlating to the conventional recording of measurement data of temperature, humidity and time, digital camera images are recorded by software over a defined period of time and logged in the same archive file as the measurement data. The combined evaluation of the measurement data and images over time will bring about new and valuable information, in particular with respect to the timing on an event.

**SIMPATI® time labs documents:**

<table>
<thead>
<tr>
<th>Electronics</th>
<th>Mechanics/movement</th>
<th>Dewing</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Functional impairment</td>
<td>• Fan standstill</td>
<td>• Surface precipitation</td>
</tr>
<tr>
<td>• LED/LCD display reactions</td>
<td>• Valve control</td>
<td>• Moisture accumulation</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Corrosion</th>
<th>Liquid level</th>
<th>Material behaviour</th>
</tr>
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<tbody>
<tr>
<td>• Progress of the process</td>
<td>• Changes to filling level</td>
<td>• Deformation</td>
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**Camera Options**

Weiss Technik offers several camera options to capture all the measured data images you need. Contact us for complete information.

**Package I - Simpati TimeLABS software.**

**Package II - External camera**

Other camera devices can also be used including, smart phone, lap-top camera, endoscope, microscope, webcam thermal imaging cameras, and digital and analogue cameras.
The perfect documentation via video surveillance - each process is traceable to the second

It’s as easy as ever. Once the test sequence is completed, all of the data is available in slow motion and in fast motion in a clear and intuitive display.

**Innovative operating concept**

When evaluating images and measured data, the user can look through a series of captured images in “fast motion” on a graphic timeline in just a few seconds. The user can also view frame by frame with greater precision by using an automatic slow motion function. This saves time compared to looking in a traditional video stream. Viewing of measured data and images simultaneously and second-by-second is a huge advantage and only possible with S!MPATI* TimeLabs.

- View the test subject during the test phase.
- New and unique in application and flexibility.
- Data-protected documentation of test sequences adds security to your production.
- Easy installation and operation.
- Simultaneous documentation of images and measured data.
- Up to 1,500 images can be stored in each archive and file.
- Compatible with up to 6 HD-quality cameras.
- Thermal imaging cameras can be operated jointly.
- Upgradeable even in existing systems.
- Internal and external installation of camera possible at any time.
- Patent pending!

**Graphical evaluation**

The evaluation window of S!MPATI* TimeLabs with display of measurement curve, current measured value and related thermal image. Additional measured values and images are shown in the image by moving the time indicator horizontally.
Weiss Technik North America

...Global Partner for Environmental Test Chambers.

The product range includes systems for climatic and temperature tests, weathering, thermal shock, corrosion and long-term tests of economic series-produced instruments to customised process-integrated systems.

The planning, manufacture and installation of all test chambers for research, development, quality assurance and production is our forte.

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Always the best solution for you.