

## Strobe-CAM | High Speed Events in Slow Motion | Visual Vibration Analysis

The Strobe-CAM allows visualizing fast periodic movements (vibrations, rotations) in slow motions.

This system is a modern variant of a Strobelight. The camera is precisely phase synchronized to the periodic event. An automatic phase sweep technique allows to record image sequences (AVI movies) of the object deformation and movement.



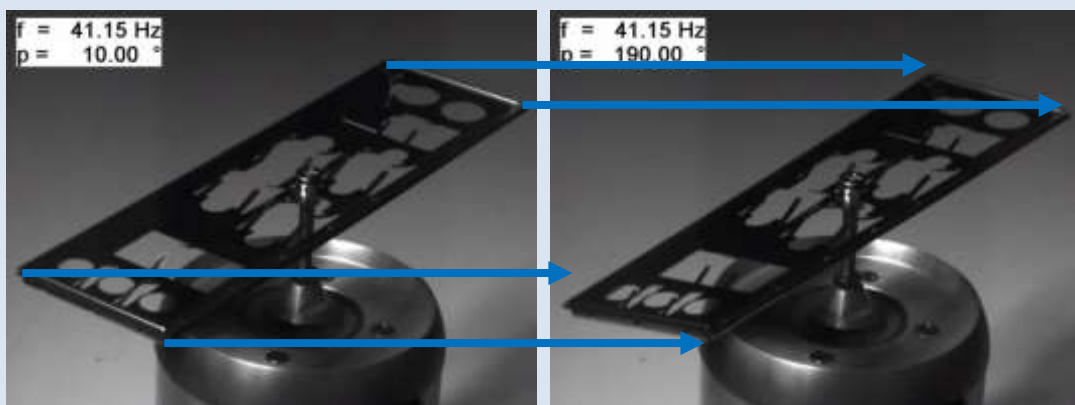
### Applications

- Non-contact inspection
- Component vibration test
- Environmental test
- Cyclic test
- Rotating objects

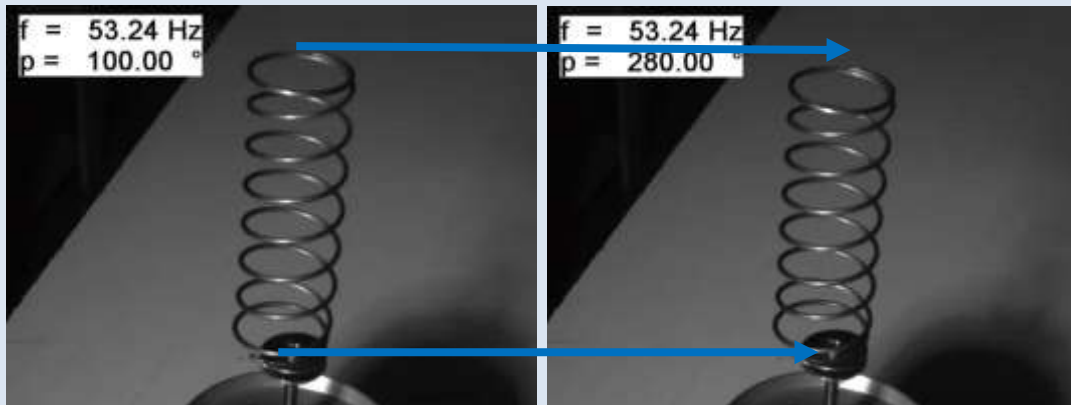
### Benefits

- Process monitoring
- Events in slow motion
- Recording and Storage of video files
- *100% Compatible to shakers of B&K, LDS, Tira, etc.*
- *Low cost alternative to Highspeed cameras*

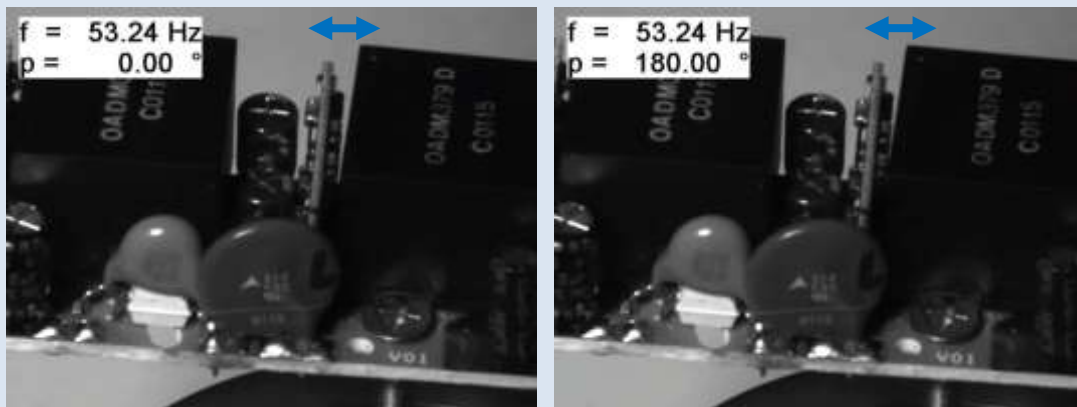
### Examples



|Deformation of a connector board.



|Deformation of a spring at it's resonance frequency.



|Movement of electronic components on a PCB board.

## Technical Specification

<b>Suitable for:</b>	Periodic Events, Vibrations, Rotations
<b>Frequency</b>	Up to 50 kHz
<b>Trigger Signal Input</b>	Analogue or TTL
<b>Camera resolution</b>	0.3 MPixel to 5.0 MPixel
<b>Lens adapter for</b>	Zoom lenseMov, Macro lens, Endoscope
<b>Compatible to shakers of</b>	B&K, LDS, Tira, etc.
<b>Workstation</b>	Laptop or Desktop PC