



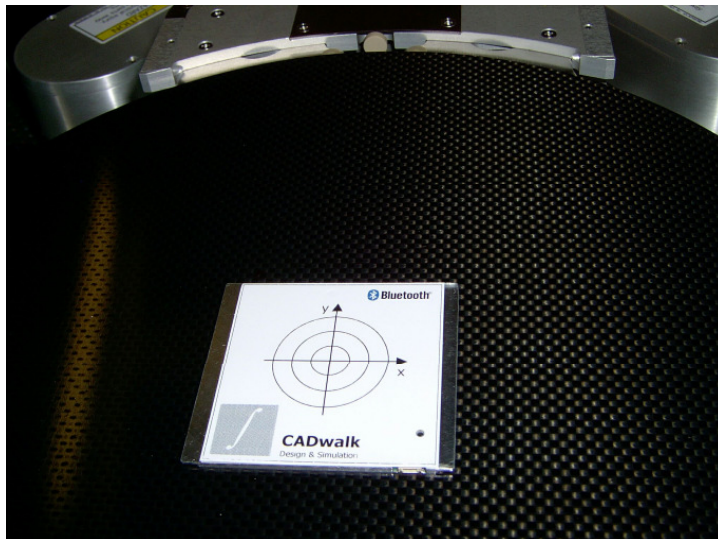
Wireless Leveling System WLS-VF

Leveling / Inclination / Parallelism

CADwalk integrates synergetic concepts to create necessary functionality at minimized costs and cost of ownership.

With a microcontroller, a dual-axis MEMS-sensor, a very thin lithium-polymer battery and an ultra flat Bluetooth transceiver we build one of the smallest, most useful, time and cost saving wireless-leveling-module for the automation-, semiconductor- and flat-panel-industry.

Semiconductor Special: WLS-VF



Key Features:

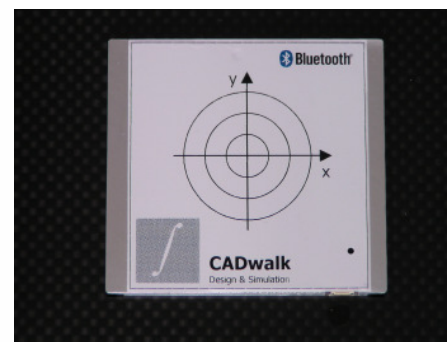
- **Package:** wireless sensor module **only 4 mm tall.**
- **Keep it flat:** can be put into a suitable releasing of a carbon fibre dummy wafer
- **Send tilt Data** of two dimensions to a PC or Laptop
- **Visualisation:** under Windows XP/Vista/7, intuitive bubble movement in real time, programmed in LabVIEW™, Data logging

Specifications:

- **Accuracy:** ± 0.08 degrees
- **Repeatability:** ± 0.08 degrees
- **Resolution:** ± 0.03 degrees
- **Total range:** ± 60 degrees
- **Communication range:** 10 m
- **Battery life without recharging:** 4.5 h

Benefits:

- **The very thin wireless levelling system can be placed nearly everywhere**
- **Save enormous time aligning equipment**
- **Increase yield, throughput and MTBF**



Size: (63x66x4) mm
Weight: 32 g