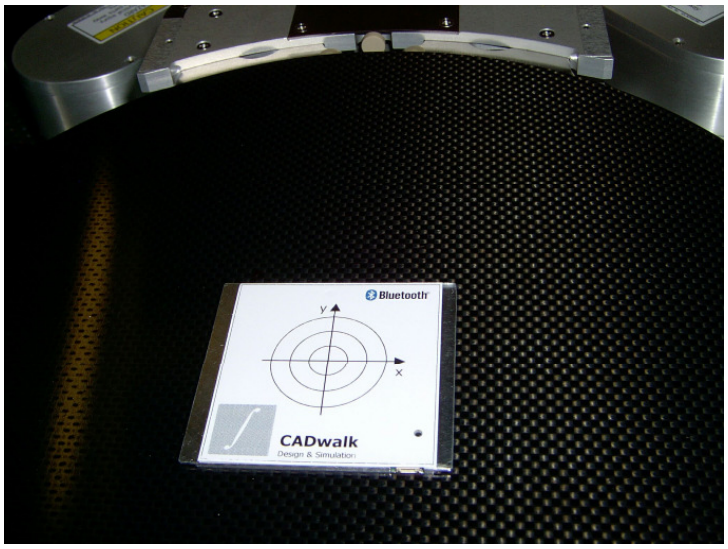
Wireless Acceleration Measurement System

WAMS- VF

Acceleration / Vibration / Frequency

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-acceleration-module for the automation-, semiconductor- and flat-panel-industry. It clearly watches jitter and not allowed touches during a handling sequence.

Semiconductor Special: WAMS-VF

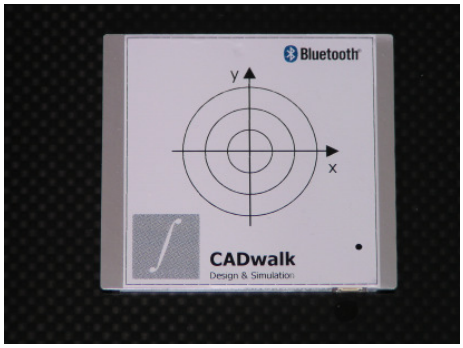


Key Features:

- **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 Acceleration Data** of two dimensions to a PC or Laptop
- **Visualisation:** under Windows XP/Vista/7, scope like screen shows Fourier Analysis too, programmed in LabVIEW™, Data logging

Specifications: WAMS-VF 1.2

Acceleration:	± 1.2 g
Resolution:	± 5 mg
Sampling Rate:	800 s^{-1}
Communication range:	10 m
Battery life without recharging:	4.5 h



Size: (63x66x4) mm
Weight: 32 g

Benefits:

- **The very thin wireless acceleration module can be placed nearly everywhere**
- **Save enormous time justifying handling sequences**
- **Increase yield, throughput and MTBF**

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