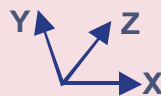


Vericom VC4000DAQ Performance Computer

New! internal 10Hz GPS and automatic pitch adjustment



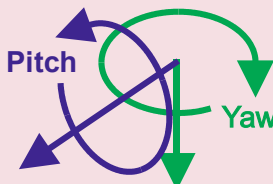
2G to 100G
1 to 1000 Hz



Super easy to install and completely portable, single suction cup with ram mount, self leveling.

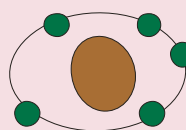
Over **25 years** of research and development have gone into the design of the Vericom VC4000DAQ making it the most innovative instrument for measuring tire to road friction and vehicle performance. Vericom's reputation for excellence is truly displayed within the workings for the VC4000DAQ. Vericom is known world-wide for its accuracy in calculating vehicle speed and distance from acceleration and time. Vericom is the only performance computer in its price range that can accurately synchronize acceleration, speed, time and distance during vehicle braking which is partially due to Vericom's **RDP™** (Run Duration Protocol). Now with OBDII interface and built-in 10 Hz GPS the VC4000DAQ is its own working test module allowing the Vericom's speed to be easily confirmed.

New tri axis 2G to 6G accelerometer up to 1000 Hz sample rate. Infinite storage time.

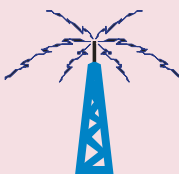


Internal 2 axis angular rate gyro for measuring yaw and automatic pitch adjustment

N 360° magnetometer (compass) built-in.



10Hz GPS
Built-in



PC Communications by

- ⇒ USB port.
- ⇒ Bluetooth up to 100 meters.
- ⇒ SD card & 3ea RS232 ports.
- ⇒ Streaming data.

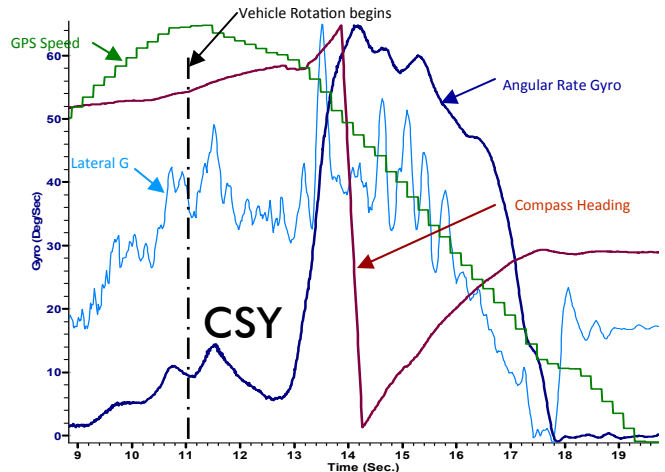
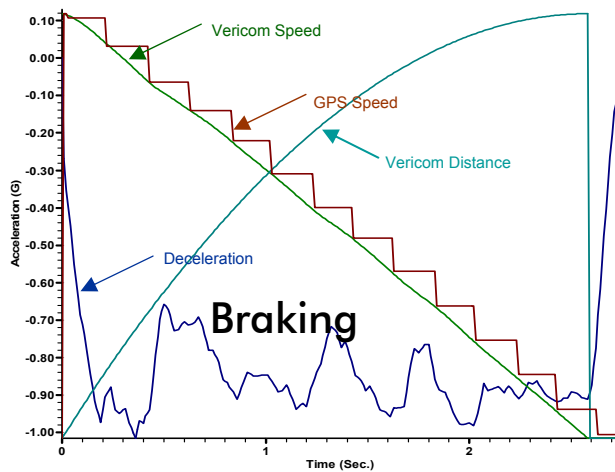
- OBDII & CAN input.
- Firmware & software updates from internet.
- Simple calibration check.
- Up to 16 sensors input.
 - * Brake pedal force sensor.
 - * 10G to 100G accelerometers.
 - * Pressure sensors.
 - * 4 RPM sensors.

- Crash mode for high or low speed impact testing.
- Resolution 16 bits.
- Bandwidth 2,469 Hz.
- Windows compatible including XP/Vista/7.
- Up to 116 minutes of data storage before using SD card.
- Analog output.

System requirements

- 100MB hard drive space.
- 512MB RAM.
- 1.0 GHz or faster processor.

Comes with **Profile Professional 5© software** a powerful graphic software that allows the user to graph, overlay, table, display and store the data. You can easily analyze and compare information using the preprogrammed graphs and tables, or design your own reports and graphs for presentations and courtroom testifying. More **Sensor ports**, up to 18 sensors using the quick connect plug and play feature may be easily installed. Profile© will support all 16 sensors including 4 tachometer inputs, GPS and OBDII. One **Analog output port** is available to connect a sensor to another data acquisition system. **Firmware** (the software that runs the Vericom) is a menu select format and all upgrades can be made from the internet. Simple **calibration check** procedures are displayed on the screen with step by step instructions. **PC interface** has been upgraded from USB & RS232 to include Bluetooth, SD flash memory card and streaming data for unlimited memory. **Streaming data**, use your laptop for infinite storage and monitoring of data in real time. Display all sensors using analog meter in real time on your laptop. **Bluetooth** communications allows you to upload data to your PC 100 meters away.



Formulas for calculating vehicle speed have included an acceptable range table to aid in courtroom presentations.

Display Average Table 2/18/2008					
Date & Time	Run No.	Time Sec	Acceleration Average G	Speed MPH	Distance Feet
9/24/2002 09:18 AM	4	1.95	-0.891	38.10	56.6
9/24/2002 09:19 AM	5	1.95	-0.887	37.95	55.8
9/24/2002 09:21 AM	6	1.95	-0.882	37.74	56.2
9/24/2002 09:22 AM	7	3.46	-0.897	68.07	178.5
9/24/2002 09:23 AM	8	3.41	-0.897	67.06	172.4
9/24/2002 09:25 AM	9	3.35	-0.895	65.74	168.4
9/24/2002 09:27 AM	10	4.13	-0.892	80.80	253.4
Average of Runs		2.89	-0.891	56.50	134.5

Range Table	
f	Speed Result
0.80	57.88
0.81	58.24
0.81	58.60
0.83	58.96
0.84	59.31
0.85	59.66
0.86	60.01
0.87	60.36
0.88	60.71

Vericom Computers, Inc

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