

# Race Technology

## Press Release

### **BRAKEBOX™ Braking Distance Measurement System Announced**

**Auto Test Expo NA, Novi, Michigan - – October 25, 2006**

P  
R  
E  
S  
S  
R  
E  
L  
E  
A  
S  
E

Race Technology Ltd, the technology leader in GPS-enabled automotive test equipment, today announces the availability of its self-contained, GPS based, braking distance measurement and display system, the BRAKEBOX™. The BRAKEBOX™ is custom designed for vehicle brake performance testing, offering unparalleled accuracy, convenience and ease of use.

The BRAKEBOX™, when triggered by either passing a certain speed or by an external input, uses a high precision PurePhase™ GPS system to accurately measure the distance travelled, deviation from a straight line, and forward distance. This data is displayed, stored internally and can then be printed on an optional printer or downloaded to a PC.

The combination of a high frequency GPS receiver and very accurate timing give a typical accuracy for braking distances of 2cm. Speed latency effects are automatically cancelled to within 6 uS.

The BRAKEBOX™ is designed for use by anyone who needs highly accurate braking distance measurements, from cars, trucks, motorcycles, trains or anything else. The simplicity of operation makes the system usable with very little training, and the ability to log over an hour of data, typically enough for over 200 braking tests, gives massive testing ability without needing to download data.

“The BRAKEBOX is a powerful yet simple system, offering a unique combination of accuracy, durability, and ease of use” says Dr Martin Hill, Director and chief hardware engineer for Race Technology.

BRAKEBOX™, both system module and display module, is encased in CNC machined aluminum, sealed against dust and water to IP65 standards, and is tested to 150+ Degrees F.

“BRAKEBOX is a perfect application of our PurePhase™ GPS technology,” stated Dr. Andrew Durrant, Director and chief software engineer for Race Technology. “It allows us to offer cost effective, robust solutions with absolutely world class accuracy.”

BRAKEBOX™ uses Race Technology’s very own cutting edge GPS solution, PurePhase™, specifically optimized for vehicle performance measurement. This system represents the current state of the art for automotive dynamic testing.

# Race Technology

The BRAKEBOX™ is available now, direct from Race Technology or through their authorized dealers. Full specifications and ordering information can be found on [www.race-technology.com](http://www.race-technology.com)

Race Technology has been producing innovative data logging and vehicle test solutions since the company was founded by Drs. Andrew Durrant and Martin Hill six years ago. They are now a technology leader in GPS enabled systems and sensors, for both professional testing and motorsports applications.

For further information please contact:

Al Seim  
Manager, Race Technology USA  
2317 Westwood Ave. Ste 101  
Richmond, VA 23230  
804 358-7289  
[aseim@race-technology.com](mailto:aseim@race-technology.com)

David Brown  
Sales Administrator, Race Technology Ltd.  
After 12, King St.  
Eastwood, Nottingham  
England, NG16 3DA  
+44 1773 537620  
[sales@race-technology.com](mailto:sales@race-technology.com)

Auto Test Expo NA Booth 10028

See accompanying CD for photos and more information

P  
R  
E  
S  
S  
R  
E  
L  
E  
A  
S  
E