

# BrakeCheck GEO

The BrakeCheck GEO is our portable, DVSA-approved Brake Tester Designed for Brake Testing Which Requires Location Tracking with a 99 Test Memory Per Brake Type (198 Test Memory in Total).

Designed for fleet operators, compliance managers, and mobile inspectors, the GEO combines Bowmonk's proven brake testing technology with built-in GPS tracking, providing additional traceability and accountability for every recorded test.

The BrakeCheck GEO determines braking efficiency of both the Service Brake (Foot Brake) and Hand Brake by measuring the rate of deceleration from a speed of around 20 mph until the vehicle comes to rest.

**Important Compatibility Notice:** The BrakeCheck GEO is not currently compatible with BCPRINT PC software for data transfer. If PC-based data download is required, consider the BrakeCheck Plus or standard BrakeCheck models.



Designed to be self-compensating, the instrument will indicate on the LED screen when it is positioned level enough to perform a brake test, with a generous tolerance to ensure that this is easy to achieve.

The BrakeCheck GEO includes an internal GPS receiver that captures location coordinates at the end of each brake test. This allows operators to:

- Verify where a brake test was carried out**
- Support audit trails and compliance reviews**
- Demonstrate testing took place at the correct location**
- Add accountability to mobile and off-site inspections**

**Important:** A valid GPS signal (fix) must be established before starting the test for location data to be recorded.

The unit indicates whether the vehicle pulls to the left or right during braking. Test results can be viewed on the display panel or downloaded to a PC for saving or printing. A printed report can also be produced at the time of testing using the portable infra-red printer.

The device operates on a rechargeable lithium-ion battery pack and will power-down after a period of inactivity to conserve energy.

## Features & Benefits

- Portable
- DVSA-Approved
- Easy to Use
- For All Vehicle Types
- Tests Service and Hand Brake
- Built-in GPS Tracking for Each Brake Test
- 99 Test Memory for Service Brake & Hand Brake (198 Tests Total)
- Designed for Use with Fleets of Vehicles
- Great for Carrying out Mobile or off-site Brake Testing
- Portable Printer Available
- Printer, Carry Case and Software Available
- Measures Peak Deceleration Front/Rear
- Measures Average Deceleration Front/Rear
- Measures Peak Acceleration Left/Right
- Vehicle pulls Left/Right indication and value
- Calculates Brake Efficiency
- Calculates Stopping Distance (displayed in meters or, by special request, feet)
- Calculates Test Speed (displayed in km/h or, by special request, mph)
- Audio Signal
- Measures Ambient Temperature

## System Specifications

<b>Accuracy:</b>	Accurate to +/-0.01g
<b>Size:</b>	170 x 80 x 35mm
<b>Weight:</b>	0.4kg (400g)
<b>Power Supply:</b>	Rechargeable Lithium-Ion Battery
<b>Operating Current:</b>	<20mA
<b>Standby Current:</b>	<5mA

## Environmental Tests

Electrical Tests Passed for CE Marking Requirements.



## BrakeCheck Model Variants

### **BOW803G - BrakeCheck GEO**

Built-in GPS receiver. Stores 99 Service Brake & 99 Hand Brake tests into memory (198 Total Test Memory).

### **BOW803GKIT - BrakeCheck GEO Kit**

Includes a BOW803G BrakeCheck GEO, a wireless printer, a spare printer paper roll and a carry case.

## Testimonials



*"We have been using the Bowmonk BrakeCheck for years on all our fleet vehicles, it saves us having to lose our lorry for a full day to leaving them at an ATF which cost the company a full day's revenue, now we can do all our tests on site and at our own convenience. We have saved thousands of pounds a year."*

**Paul Bailey,**  
**Fleet Workshop Manager at Tarmac.**



*"We use the BrakeCheck in all our depots for a number of years now, they are easy to use and very robust, reliability is key to our equipment as road tests are a daily occurrence and without a decelerometer we can't do that test."*

**Terry Roughton,**  
**Depot Manager at Kwik Fit.**

## Accessories

### **BOW805 - Infrared Printer**

This wireless infrared printer, enclosed in a ruggedized rubber casing, allows the BrakeCheck to print brake test results after each test. The printer is supplied with a charger, with an appropriate plug for the destination country.

### **BOW813 - Rugged Carry Case**

A sturdy carry case for the BrakeCheck and its charger, which also accommodates the BOW805 wireless printer (& its charger), a spare printer paper roll, and a USB stick. Note - part code BOW813 is for the carry case only. A complete kit, including BrakeCheck and printer, can be ordered under part code BOW801KIT.

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## Additional Images



Infrared Printer



BrakeCheck Kit