

# BrakeCheck Secondary

The BrakeCheck Secondary is our portable, DVSA-approved Brake Tester Designed to Measure Brake Performance on HGVs, PSVs, buses, and large commercial vehicles. Has a 1 Test Memory Per Brake Type (3 Test Memory in Total).

This model provides dedicated Secondary Brake testing, while also measuring Service Brake and Handbrake performance.

Each brake type stores one test result only, making this unit suitable for individual vehicle testing rather than multi-vehicle fleet inspections.

The BrakeCheck Secondary 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.



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.

Secondary brake systems are a separate legal requirement on many heavy vehicles and must be measured independently as part of a preventative maintenance programme. The BrakeCheck Secondary is specifically designed to measure secondary brake performance accurately, while still allowing service and handbrake testing using the same device.

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 HGV's, PSV's, Buses and Other Large Commercial Vehicles
- Tests Service, Hand Brake & Secondary Brake
- 1 Test Memory for Service Brake, Hand Brake & Secondary Brake (3 Tests Total)
- Great for Organisations that don't Require Multi-test Storage.
- Portable Printer Available
- Download Data to PC
- 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

### **BOW801S - BrakeCheck Secondary**

Stores 1 Service Brake, 1 Secondary Brake & 1 Hand Brake test into memory. (3 Total Test Memory).

### **BOW801SKIT - BrakeCheck Secondary Kit**

Includes a BOW801S BrakeCheck Secondary, 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.

### **BOW810 - BCPrint Software**

Downloadable software to view and save all results from all BrakeCheck variants, this can be printed on your own desktop printer or saved to a local drive/network, Note this will only work on Windows operating systems.

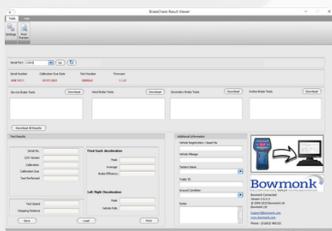
## Additional Images



Infrared Printer



BrakeCheck Kit



BC Print