

BrakeCheck FLT (Forklift Truck)



- Portable
- Easy to Use
- Tests Service *and* Hand Brake
- Designed specifically for forklift trucks
- 50 test memory
- Portable Printer Available
- Download Data to PC
- Printer, Carry Case and Software Available

Overview

The BrakeCheck FLT is our portable brake tester designed specifically for forklift trucks.

The Bowmonk BrakeCheck FLT is a fully self-contained, user-friendly, portable brake tester, which has been developed with a leading forklift truck manufacturer to take account of the slow speed and tilt of forklift truck vehicles. The instrument records the braking efficiency and percentage of braking imbalance in a matter of minutes.

The Bowmonk BrakeCheck FLT determines braking efficiency of both the Service Brake (Foot Brake) and Hand Brake by measuring the rate of deceleration from normal operating speed until the vehicle comes to rest.

The BrakeCheck FLT is the perfect tool to assist with LOLER/PUWER safety inspections.

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 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

- 3-Axis Accelerometer
- 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 metres or, by special request, feet)
- Calculates Test Speed (displayed in km/h or, by special request, mph)
- Can be used for Hand Brake Test
- Audio Signal
- Measures Ambient Temperature in °C and °F
- Battery charger supplied, with appropriate plug for destination country
- Operates for approximately 5 hours or approximately 120 tests on full charge
- Can be used after 5 minutes of charging
- Battery charge indicator
- Automatic level compensation
- Simple LED indicator system
- Easy to use
- "Calibration Required" indicator
- Three digit readout
- Display can be read in sunlight
- Internal self-diagnostics
- Test results are stated in 'g' units and are accurate to +/- 0.01g (results can be stated in m/s² by special request)
- Size: 170 x 80 x 35 mm
- Weight: 0.4kg
- Range of accessories available

Part Codes

BrakeCheck FLT (Forklift Truck)

BOW801L - BrakeCheck FLT

Stores 50 Service Brake and 50 Hand Brake tests into memory.

Accessories

IR Printer

Part Code: BOW805

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.

Carry Case

Part Code: BOW813

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 CD.

Note - part code BOW813 is for the carry case only. A complete kit, including BrakeCheck and printer, can be ordered under part code BOW801KIT.

CabCheckS Software

CabCheckS (Computer Aided BrakeCheck Software) allows data to be downloaded from the BrakeCheck to your PC, from where it can be viewed on-screen, saved or printed. The Vehicle Registration Number and the name of the inspector can be added to each test, as well as any additional notes.

In order to use CabCheckS the BrakeCheck must be connected to your PC via either the serial or USB download cables shown below.

Part Codes:

- **BOW810** - CabCheckS PC Software (please specify Standard version)
- **BOW804** - Serial download cable
- **BOW815** - USB download cable

Additional Images



BrakeCheck



BrakeCheck with Optional Printer



BrakeCheck Kit

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BrakeCheck
=====
Serial No:   BRK15008
S/W Version: 2.0.0 FL

Company ID:
BOWMONK LTD

Log memory: 17

Test Performed:
10:41:38 30/07/2015
Timezone: GMT (0000)

Service Brake Test
=====
Front-Back Deceleration
Peak:           33.3 %g
Average:        18.3 %g
Left-Right Acceleration
Peak:           60.6 %g
Vehicle pulls:  LEFT
Test Speed:     3 km/h
Stopping Dist:  0.2 m
Brake Efficiency: 17 %

Calibration Ok
Due: 15/09/2015

.....
Vehicle Registration
.....

.....
Inspector Name
.....

.....
Signature
    
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Sample print-out