BM TEST EQUIPMENT
- the safe choice

BM10 DECELEROMETER HEAVY

Step 1

Step 2

Step 3

Step 4

The BM10 Decelerometer Heavy is a portable, battery-powered, in-vehicle brake performance tester that measures average and maximum deceleration, stopping distance, test speed and pedal-force required to stop a vehicle.

- Evaluates brake performance in a quick reliable manner and prints an accurate test report that complies with International Standards
- Efficient diagnostic and compliance tool, designed to test service and emergency brakes of passenger cars, light and heavy goods vehicles, buses, light and heavy rail and transit vehicles.
- Used by garages, workshops, service and testing stations and regulatory authorities.
- Accepted by vehicle regulating authorities and vehicle operators throughout the world.
- With data logging and download to PC through RS- 232c.

Four easy testing steps with BM10

STEP 1: Attach the BM10 decelerometer heavy in the vehicle with its straps or an optional floor mounted magnet in a horizontal position with the lid open facing forward. Attach the load cell to the brake pedal to test the service brakes.

STEP 2: Turn on BM10 decelerometer heavy and enter examiner's ID and the vehicle's registration number. Start the test by accelerating the vehicle to the required speed.

STEP 3: Apply the brakes by pressing your foot on the load cell attached to the brake pedal, until the vehicle is stationary.

STEP 4: After the vehicle has come to a stop, the BM10 decelerometer heavy evaluates the brake performance, and displays and prints the test results.

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Features

- Calculates and displays MFDD (Mean Fully Developed Deceleration) in accordance with ECE Reg 13.
- Prints two original reports (one for the customer, the other for the examiner) as a permanent record of the test results, date, time, examiner's ID number and the vehicle's registration/VIN number.
- Price Competitve.
- Robust construction that is water-resistant and petrol, chemical and acid proof.
- Conventional (QWERTY) keypad lay-out, with tactile membrance cover.
- Adjustable display control.
- Both metric and imperial units of measurement.
- Built-in integrity check.
- Rechargeable, sealed, acid-gel battery, with low-battery-level indicator and automatic shut-down.
- Calibration that is internationally traceable through NATA.
- Interval of calibration as determined by the relevant local authority.
- 12 month warranty.
- Low-cost spare parts, accessories and consumables.
- Comprehensive after-sales service and assistance.
- Internet support hotline for diagnosis and service.

Optional features

- Numerous user-entry hardware and software options.
- Graphical output.
- EIA RS-232c interface.

BM10 DECELEROMETER HEAVY DESCRIPTION	
Size	123 x 267 x 246 mm
Weight	3.0 kg
Max. roll diameter	50 mm
Power source	12V, 1.9AH, sealed-lead acid rechargeable battery
Standard accessories	Battery charger Paper roll Printer ribbon Paper roll spindle Printer cover plate assembly Straps or optional floor-mounted magnet for case restraint User manual
Input	
Load cell	rated to less than +/- 1N, 0-1000N
Accelerometer	rated to less than +/- 2% over -2.5 to 2.5g
Output	
Display	8 character LCD
Buit-in printer (Dot Matrix)	
Printer	
Paper	maximum diameter 48mm width 44.5 mm (+/- 0.5mm)
Ribbon	Epson type ERC-05
Ribbon life	equivalent to 3 paper rolls
Print speed	1.0 line/sec

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Texts and photos may present optional equipment available at additional cost. All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice or obligation.

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