

AutoStop[®] Mini Plus

Tri-Axial Brake Performance Testing

AutoStop[®] Mini Plus

- A compact, battery-powered, in-vehicle brake performance tester that uses state of the art, multi-channel sensors to measure tri-axial deceleration of any type of vehicle or motorcycle, making it one of the most versatile brake testers on the market
- Evaluates the performance of the brakes by measuring forward, sideways and vertical deceleration, distance to stop and lateral deviation within the lane
- Accurate and easy to use via a simple 12-button phone keypad
- Customer and vehicle detail entry via key pad
- Installed in seconds anywhere in the car
- With optional data logging and download to PC through USB interface / bluetooth
- Bluetooth interface direct to remote printer.



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Tri-Axial Brake Performance Testing



3 Easy Testing Steps with AutoStop[®] Mini Plus

STEP 1: Attach Mini Plus to the dashboard, centre console or passenger seat so that the buttons and screen are clearly visible



STEP 2: Turn on Mini Plus, accelerate the vehicle to the desired test speed and apply the brakes until the vehicle is stationary



STEP 3: After the vehicle has come to a stop, Mini Plus evaluates and displays forward, sideways and vertical deceleration, distance to stop and lateral deviation within the lane

Features:

- Determines tri-axial deceleration, forward as well as sideways deceleration (lane change)
- Calculates and displays MFDD (Mean Fully Developed Deceleration) in accordance with the ECE R 13
- Simple 12 button operation via a tactile membrane pad
- Can be installed anywhere in the vehicle
- Self-aligning by identifying its orientation at the beginning of each test
- Lightweight (< 500grms) and compact (90 x 200 x 35mm)
- LCD display
- Adjustable display control
- Automatic start function
- Automatic shut-off after 15 minutes to preserve battery life (over 24 hours running time)
- Built-in integrity check
- Built-in real time clock
- Calibration is internationally traceable through NATA
- Calibration interval twenty four months
- 12 months warranty
- Internet support hotline for diagnostics
- Comprehensive after-sales service and assistance

- EIA USB and Bluetooth interface
- Memory storage: Ninety tests

Optional Features:

- Remote bluetooth printer
- Rare Earth magnet motorbike kit
- PC download capability and graph
- Rubber suction cup motorbike kit
- GPS or Glonass or Galileo positioning receiver, providing longitude and latitude
- Position acquisition time - 1 Min Maximum
- Software configurable

Specifications:

Input

- Accelerometer: accuracy $\pm 2\%$
- Resolution 0.01g, non-linearity 0.2%, transverse sensitivity 2%

Output

- 16 x 1 character LCD display

Power Source

- Internal rechargeable battery

Temperature Range

- -5°C - 50°C

Humidity

- 25% - 85%, non condensing



Note: Outer appearance and specifications are subject to change without prior notice



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