

# AutoStop<sup>®</sup> Mini Plus-GPS

Tri-Axial Brake Performance Testing

## AutoStop<sup>®</sup> Mini Plus-GPS

- 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
- Equipped with a built in GPS/Glonass receiver that will provide the latitude and longitude of the position where the test was carried out.



# AUTO TEST

Products Pty Ltd<sup>®</sup>

279 Normanby Road, Port Melbourne VIC 3207  
tel +613 9647 9797 fax +613 9646 3427  
sales@autotest.net.au www.autotest.net.au

# AutoStop® Mini Plus-GPS

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## 3 Easy Testing Steps with **AutoStop®** Mini Plus-GPS

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

**STEP 2:** Turn on Mini Plus-GPS, 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-GPS 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
- GPS or Glonass or Galileo positioning receiver, providing longitude and latitude
- Position acquisition time - 1 Min Maximum
- Software configurable

### Optional Features:

- Remote IRDA printer
- Rare Earth magnet motorbike kit
- PC download capability and graph
- Rubber suction cup motorbike kit

### 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

- $-5^{\circ}\text{C}$  -  $50^{\circ}\text{C}$

#### Humidity

- 25% - 85%, non condensing



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

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