

## AutoStop Mini Plus Kit

### TRI-AXIAL BRAKE PERFORMANCE TESTING



A compact, brake performance tester that uses a multi-channel sensor to measure tri-axial deceleration of any type of vehicle or motorcycle, making it one of the most versatile brake testers on the market.

**\*IMPORTANT:** In NSW, ACT MiniPlus is only suitable for testing Motorbikes. Purchase our Workshop Pro 10 & Pedal Kit for use in NSW and ACT.

#### UNIQUE FEATURES

- 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 keypad
- 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



#### UPGRADE TO **AutoStop Mini Plus-GPS**

EQUIPPED WITH A BUILT IN GPS/GLONASS RECEIVER THAT WILL PROVIDE LATITUDE AND LONGITUDE OF THE POSITION WHERE THE TEST WAS CARRIED OUT.



# AutoStop Mini Plus Kit

## TRI- AXIAL BRAKE PERFORMANCE TESTING

**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 (35km/hr) 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
- Compatible with Autotest Bluetooth Printer
- 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
- Built-in integrity check
- Built-in real time clock
- Calibration is internationally traceable through NATA
- Calibration interval 12-months
- 12 months warranty
- Internet support hotline for diagnostics

- Comprehensive after-sales service and assistance
- EIA USB and Bluetooth interface
- Memory storage: 90 tests

### Optional Features:

- 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*