



autotest Maxi Brake Meter Owner's Manual

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autotest Maxi Brake Meter



An efficient diagnostic and compliance tool, designed to test Service and Emergency brakes. Compliant with roadworthy regulations, and MOT approved.

UNIQUE FEATURES

- Measure's pedal-force required to stop a vehicle
- Measure's average and maximum deceleration
- Measure's stopping distance and test speed
- Evaluates brake performance
- Prints an accurate test report
- Complies with International Standards
- Battery powered



4 Easy Testing Steps with AutoStop® Maxi

STEP 1: Secure the AutoStop® Maxi in the vehicle with its strap or optional floor-mounted magnet in a horizontal position with the lid open and facing forward. Attach the load cell to the brake pedal to test the service brakes.

STEP 2: Turn on the AutoStop® Maxi 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 AutoStop® Maxi evaluates the brake performance, and displays and prints the test results.

AutoTest Products Pty Ltd
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Features

- Calculates and displays average and maximum deceleration, distance to stop, test speed and pedal – force required to stop the vehicle
- 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 Competitive

- Lightweight (3.0kg), compact (123 x 267 x 246mm) and portable
- Robust construction that is water resistant and petrol, chemical and acid proof
- Conventional (QWERTY) keypad lay-out, with tactile membrane cover
- LCD display
- 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
- 24-month calibration interval
- 12-month warranty
- Low – cost spare parts, accessories, and consumables
- Comprehensive after-sales service and assistance
- Internet support hotline
- Position acquisition time – 1 Min Maximum
- Software configurable

Specifications

Input

- Load Cell: rated to less than $\pm 1\text{N}$, – 1000N
- Accelerometer: rated to less than $\pm 1\%$ over 0-1.5g

Output

- Display: 16 – character LCD
- Built-in printer (Dot Matrix)

Analysis of Test results

- Average and maximum deceleration
- Test speed
- Stopping distance
- Time to stop
- Foot pedal force

Power Source

12V, 2.2AH, sealed – lead acid rechargeable battery

Printer

- Paper: maximum diameter: 48mm; width: 44.5mm ($\pm 0.5\text{mm}$)
- Ribbon: Epson type ERC – 05

- Ribbon life: equivalent to 2 paper rolls
- Print speed: 1.0 line / sec

Standard Accessories

- Battery charger (Australia Only)
- Paper roll
- Printer ribbon
- Paper roll spindle
- Printer cover plate assembly
- Straps or optional floor – mounted magnet for case restraint
- User Manual

Optional Features

- GPS or Glonass or Galileo positioning receiver, providing longitude and latitude
- USB and Bluetooth interface
- Stores over 100 test results with USB or Bluetooth
- Numerous user-entry ware and software options
- Graphical output




Also available in the Workshop Roadworthy Kit, including

- WorkshopPro 10

- Bluetooth Printer
- AutoLight Magnetic
- Headlight Align Headlight Aimer

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Documents / Resources

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References

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