

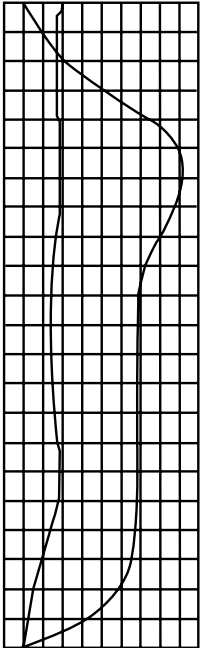
# AUTOSTOP Maxi

AUTOTEST  
Maxi  
BRAKE REPORT  
Customer Copy  
-----

Reg no: ABC 123  
Date : 09 Oct 00  
Time : 14: 11  
Service Brake  
-----

Speed=32.6 km/h  
Stopping  
Dist=9.7 m  
Decel Avg=0.60g  
Decel max=0.81g  
Time ; 2.14 sec  
Pedal effort :  
Max = 296.5 N  
Delay : 0.67 sec  
-----

0g 1g



0N 1000N  
0.1sec/div

-----  
Signature :  
ID No : DEMO  
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Calibration by  
VIPAC  
on 11 Oct 00  
Cal Due : Oct 01  
SN:23317,Rev 6.2  
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This test is  
compliant with  
ECE Reg. 13.  
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## **AUTOSTOP** Maxi

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.

## **AUTOSTOP** Maxi

evaluates brake performance in a quick and reliable manner, and prints an accurate test report that complies with International Standards.

## **AUTOSTOP** Maxi

is an 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.

## **AUTOSTOP** Maxi

is used by garages, workshops, service and testing stations and regulatory authorities. Since its introduction, Maxi has found a ready acceptance with vehicle regulating authorities and vehicle operators throughout the world.

## **AUTOSTOP** Maxi

with data logging and download to PC through RS-232c interface.



# AUTOSTOP Maxi

## Four Easy Testing Steps with **AUTOSTOP** Maxi



STEP 1



STEP 2



STEP 3



STEP 4

**STEP 1:** Secure Maxi in the vehicle with its strap or 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 Maxi and enter the 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 the 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, Maxi evaluates the brake performance, and displays and prints the test results.

### 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 reports (one for the customer, the other for the examiner) as a permanent record of the test results, date, time, examiner's I.D. number and vehicle registration/VIN number
- Price competitive
- Lightweight (3.0k), compact (123 x 267 x 246mm), portable
- Robust construction that is water-resistant, petrol, chemical and acid proof
- Conventional (QWERTY) keypad lay-out with tactile membrane cover
- LCD display
- Adjustable display contrast
- 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 is internationally traceable through NATA
- Interval of calibration as determined by the relevant local authority
- 12 months warranty
- Low-cost spare parts, accessories and consumables
- Comprehensive after-sales service and assistance
- Internet support hotline for diagnostics and calibration

### Optional Features

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

### Specifications

Input

- Load Cell: rated to less than +/-20N, 0 – 1000N
- Accelerometer: rated to +/-1% over 0 – 1.5g

Output

- Display: 8-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, 1.9AH, sealed-lead acid rechargeable battery
- Printer
- Paper: maximum diameter 48mm; width: 44.5mm (+/-0.5mm)
  - Ribbon: Epson type ERC-05
  - Ribbon life: equivalent to 3 paper rolls
  - Print Speed: 1.0 line/sec
- Standard Accessories
- Battery charger
  - Paper roll
  - Printer ribbon
  - Paper roll spindle
  - Printer cover plate assembly
  - Straps or optional floor-mounting magnet for case restraint
  - User manual