



DC-7500

Stand Alone Decelerometer



Decelerometer terms of use aligned with 2014/45/UE and additional applicable national regulations.

DC-7500

DC-7500 Decelerometer performs brake efficiency testing provided with Bluetooth® technology.

Test Report can also be hardcopy printed through Bluetooth® optional printer (or free use software, available on GoLive portal for UK and Romania market only).

DEDICATED OPTIONAL PRINTER



DC-7500

Final Report

Once the test has been carried out, the report can always be printed:

- Via the connection to the PC: using the specific software WINDC-7500 a report can be printed in real-time or after a series of tests. The software will also allow you to keep a useful database of interventions and add notes and remarks from your PC.
- Via the thermal printer DC-7550 (optional): thanks to the BLUETOOTH CONNECTION to the decelerometer and the separate battery, once the test has been completed, the report printout can be launched from anywhere in the workshop.

DC-7510 - level force sensor with pedal adapter (optional)

- Functional to the measurement of the effort on the brake pedal, it returns the parameter associated to the brake pedal force to enable the vehicle to stop according to the times and spaces defined by the legislation. An adapter for motorcycles is also available

DC-7520 - test start button (optional)

Useful in the absence of DC-7510 PEDAL SENSOR. It allows handing the start of the brake test.

Technical Data

CALCULATION METHOD

- Automatic pitch compensation
- Automatic compensation of vertical deviation
- Vectorial deceleration calculation
- Alarm for Position sensor error

PARAMETERS

- Pedal force trigger (10 100 N)
- Pretrigger (10 % of total test time)
- Test time (5÷10 sec)
- Sampling time (20 or 40 ms)
- Calculation method (98/12/EC)

CALCULATED VALUES

- Pedal force max and average
- Deceleration max and average
- Brake efficiency
- Brake time (start, end, duration)
- Start speed
- Distance

MEMORY

- 8 registration of:
- deceleration pedal force waveforms, max and average pedal force, max and average deceleration, brake efficiency, start, end and total test time, start speed and distance

PEDAL/LEVER FORCE SENSORS

- 2 load cell sensors
- Full scale: 1000 n
- Length cable: 2500 mm
- Velcro band to fix on brake pedal and lever handle

CALIBRATION

- Yearly with included accessories

DISPLAY

- Display LCD TFT color 3,5" 320 X 240
- 700 CD/M2

INTERFACE

- Soft touch keypad (power on included)

PRINTER (OPTIONAL)

- 24 columns dot matrix printer
- Termic Paper width 57,5 mm

POWER SUPPLY

- Inner li-ion battery pack with battery charger supplied with the tool

WORKING TEMPERATURE

- 5° C , 40° C

DIMENSION AND WEIGHT

- 200 X 100 X 30 mm
- 385 G