



**CAR BENCH**<sup>®</sup>  
CAR BENCH INTERNATIONAL SPA

*ONLY THE BEST CAN BE NUMBER ONE*

# CONTACT EVOLUTION

ELECTRONIC MEASURING  
SYSTEM



N. 3 quick locking positions without unscrewing and recalibrating the probe

## ELECTRONIC MEASURING SYSTEM

Contact Evolution measuring system - unique in the world of its kind - represents an electronic system projected into future engineering. Born from the basic principles of a calibration machine it carries a huge developing potential and further future applications.

We recently added a feature to allow measurements of external panels of vehicle (wheels on the floor!) with mechanics mounted. Thanks to its sophisticated and advanced software and hardware it can guarantee maximum precision of measurements (+/- 0,5 mm on a length spread of 5.4 meters).

- Lightweight arm: 2.7m for a total radius of 5.4m
- Aluminium & Carbon fibre construction
- 5 Axes movement
- Bluetooth communication
- Guided and Talking system in 14 languages
- Battery on board, cable free
- Mobile telescopic tripod adjustable in height
- Diagnosis save, print-out or e-mail
- Can be used with any bench or two-post lift
- No Adapters and/or Extensions needed
- Can be used on the bench in combination with jigs
- Each articulation has 40.000 positions



5,40 m / 17' 72" feet, inches

## ON GROUND MEASURING

Car Bench Contact Evolution latest Measuring software enables the operator to quickly measure a vehicle to properly diagnose and identify damages without lifting the vehicle or putting it on a Jig Bench. This process ensures a Correct First Inspection reducing additional estimates. The process will take maximum 7 minutes.

The global insurance market today does not allow much time for bodyshops to carry out a correct estimate due to the long preparation time needed. Vehicles needs to be brought to a lift in a busy environment, lifted up, stripped from protections and plastic covers, measured, have all protections and covers put back on and lowered down again (without mentioning removing the doors to get side measures of the vehicle which would take approximately 2 hours per side alone).

In addition, Correct First Inspection on aluminum strut towers needs to be measured while the car is standing on the floor with suspensions under tension to detect any cracks in the structure and not hanging from a lift. Only Contact Evolution is able to carry out this task without extensions, adapters and unnecessary tolerances which they could possibly introduce.

Finally, given its compact size, Contact Evolution can be brought to the vehicle no matter where it is, even if it is in the middle of a street for an instant measuring.

All the above features of Contact Evolution software have been developed by working confidentially and closely with several prestigious OEMs that are already going in this direction for the future. Lifting vehicles for an estimate will not be a needed requirement anymore soon.



**NO ADAPTERS OR EXTENSIONS NEEDED**



Mounted on bench  
with drive over feature

# CONTACT EVOLUTION



## TECHNICAL FEATURES

Instrument weight	22 Kg
Maximum Length	2,700 mm / 8'86"
Communication	Bluetooth 4.0 or Usb 2.0 cable
Power supply	battery 12V
Battery charger	100-220V 50-60Hz
Minimum Laptop Features	15.6" Display, Intel I3 CPU, 4Gb Ram Hd 256Gb, Sound board, Integrated Bluetooth, 2 USB ports
Compatible Operating Systems	Windows 7 and later
Mobile flight case Dimensions	1.215mm x 460mm x 440mm / 3'98" x 1'50" x 1'41"



**CAR BENCH  
TRAINING ACADEMY**

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METHODS

CAR BENCH  
EQUIPMENT TRAINING

CUSTOMIZED  
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