

**Product Name :**  
Falling Weight Deflectometer Vehicle Mounted

**Product Code :**  
CHINAELABC4590001



**Description :**

Falling Weight Deflectometer Vehicle Mounted

**Technical Specification :**

Falling weight deflectometer is vehicle mounted, which means the instrument is installed inside the vehicle. In this way, the road deflection equipment is more easy and convenient for future maintenance and operating, avoids of wet from raining or dust, extend the instrument usage life.

The technical specification is the same as per falling weight deflectometer.

To use vehicle mounted FWD, it has some requirement on the vehicle, also require customers to have technical team to do the modification, we will supply guidance at site or remotely.

Moving speed: 0~120km/hour

Testing speed per point; Around: 20~30s

Deflection type: Magnet electric speed sensor

Deflection sensor quantity: 7pcs (can be extended up to 15pcs)

Deflection range:  $\pm 2500\mu\text{m}$

Deflection accuracy: 2%

Deflection repeatability: 1%

Loading force: 12~150KN (optional 250KN of HWD for airport available )

Loading repeatability: 2%

Loading resolution: 0.1KN , 1Kpa

Loading plate: D300mm / 4-segment plate

Temp. measuring range : -50? ~ 100? / platinum resistance & infrared

Temp. resolution: 0.1?

Temp. accuracy: 0.50%

GPS accuracy: +/-2meters



**Engineering Lab China**