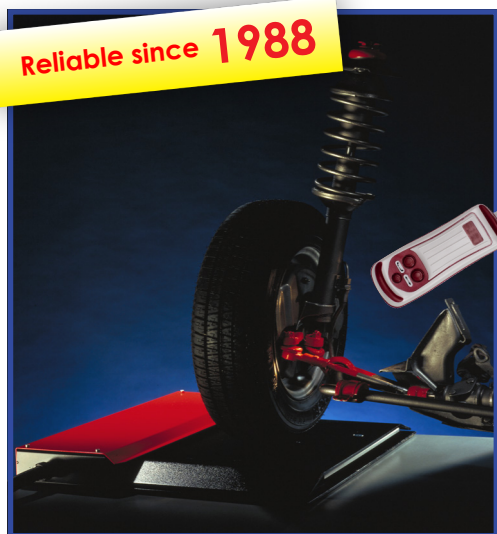


Reliable since 1988

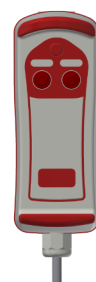
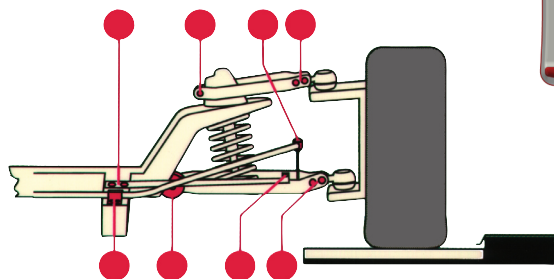
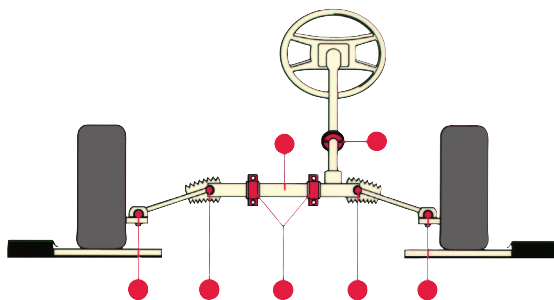


The **ESCON PD2502 Play Detector** is designed to check quickly and efficiently most steering and suspension components. Without the help of a second person, it enables a technician quickly to detect play and wear in the wheel guiding and steering parts of passenger cars and light trucks. A used car often shows wear and tear in ball joints, bushings, fixations, pivot points, link bolts and shock absorber mountings. Most worn or damaged components can be identified before they pose problems. A Play Detector is also called Clearance Detector or Wear Detector Plates.

The PD2502 consists of two pneumatically driven plates, one for the left wheel and one for the right wheel. Each plate is actuated by two pneumatic cylinders and can perform two independent movements. One movement pushes the wheel backwards and forwards. The second movement pushes the wheels to the left and to the right sides with a partial turn. Only with these two movements you simulate the road forces that act on the suspension and steering components in a turn.

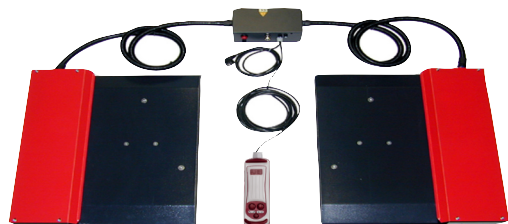
The play in the components is visually checked with the low-voltage control lamp.

Two switches on the lamp control the movements of the plates. Just one person can easily operate the tester.



The surface mount model **PD2502E** can be mounted on any lift with runways, e.g. a 4-post lift. The unit is provided with an anti-slip layer under the chassis and can be installed on the lift runways without fixing. The unit can also be mounted on a scissors lift and parallelogram lift. In the latter case we recommend to link both runways. The flush mount model **PD2502BI** can be installed on both sides of an inspection pit. The units are air-powered and require standard mains supply for the control box and the inspection lamp.

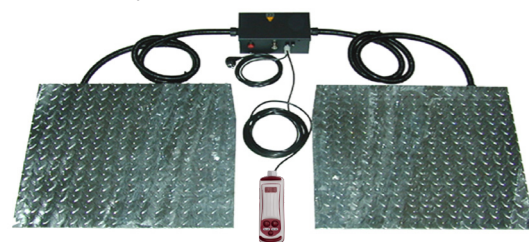
PD2502E (p/n 901903, surface mount model)



Dimensions:

Each unit (L x W x H): 720 x 600 x 76 mm
Moving plate (L x W x H): 545 x 380 x 45 mm

PD2502BI (p/n 901911, flush mount model)



Dimensions:

Each unit (L x W x H): 590 x 680 x 80 mm
Moving plate (L x W): 590 x 680 mm

Specifications

Maximum axle load : 2500 kg
System : Electro-pneumatic
Power supply : 230 V - 12 VA - 50-60 Hz
Compressed air : 5 to 10 bar
Maximum sliding force : 4000 N

Technical specifications are subject to changes without notice.

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