

# VEHICLE TESTING TECHNOLOGY AXLE AND JOINT PLAY TESTER

**PMS 3.5**  
VP 225012



**PMS 3.5**  
VP 225012

The axle play tester PMS 3.5 is intended for the reliable determination of defects and wear on steering parts, wheel bearings, shock absorbers and suspension by lateral and longitudinal movement of the test plates in opposite directions. The built-in hydraulic drive ensures a powerful and smooth movement of the test plates. An automatic mode as well as other different operating modes ensure the uncomplicated operability of the PMS 3.5.

## PRODUCT DETAILS/ACCESSORIES

Description:

- Rapid determination of defects and wear and tear on steering parts, wheel bearings, spring system and suspension
- Powerful and even movement thanks to hydraulic drive
- Low-noise oil-submerged hydraulic unit
- Slide bearings and particularly robust chrome-plated circular guides
- Extremely robust and low-maintenance design with optimum service life
- Counter-set cross and longitudinal movement of the test plates
- One-hand operation without lifting the vehicle
- Wireless radio inspection light with LED for performing and

controlling the test plate movements

- Different operating modes including automatic mode
- Compliant with directive 2014/45/EU
- Optional: additional different test plate movements
- Optional: aluminium cable inspection light

Scope of delivery:

- 2 pieces test plates
- Electrical control box
- Hydraulic power unit
- Radio hand lamp with charger and power supply unit
- Operating manual
- EC Declaration of Conformity CE

## TECHNICAL DATA

Max. axle load	3500 kg
Max. wheel load	1750 kg
Test plate movement	100 mm
Test plate speed	70 mm/s
Dimensions of test plate (L x W x H)	625 x 625 x 8 mm
Installation depth	175 mm
Max. thrust per side	11 kN
Drive power	2.5 kW
Operating pressure	120 bar
Power supply	3/N/PE 400 V 50 Hz
Fuse gG	16 A
Hydraulic oil volume (not included)	15 l

## ACCESSORIES

VZ 985021 Additional synchronized transversal and longitudinal movement

VZ 985023 Multi-Functional Control

VZ 990413 Aluminium Cable Hand Lamp for (instead of Radio Hand Lamp) -EXTRA CHARGE-

# VEHICLE TESTING TECHNOLOGY AXLE AND JOINT PLAY TESTER

**PMS 3.5**  
VP 225012



VZ 990430 Preparation of LMS/PMS Control Box for  
Additional Operation w. Aluminium Cable Hand  
Lamp

VZ 935088 Foundation tub for PMS (2 pcs)

VZ 935272 Foundation tub for PMS (2 pcs), hot-dip  
galvanized

#### **SUPPLEMENTARY CHARGES**

VT 995057 Transportkosten PMS

VT 995131 Transportkosten LMS-/PMS-Fundamentwanne

VM 995010 Assembly costs after expenditure of time by hour.

VM 999005 Hydraulic Oil (HLPD 32) per Litre -NET PRICE

VM 999014 Hydraulic Oil, Biodegradable (HLP 32), per litre  
-NET

VM 995151 Installation Material PMS, LMS 8 hydraulic hoses  
per 1.5 m

VM 995059 Installation Material PMS, LMS 8 hydraulic hoses  
per 5 m

VM 995152 Installation Material PMS, LMS 8 hydraulic hoses  
per 8 m