

# VEHICLE TESTING TECHNOLOGY AXLE AND JOINT PLAY TESTER

**PMS 3.5**  
VP 225012



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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

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VZ 990413	Aluminium Cable Hand Lamp for (instead of Radio Hand Lamp) -EXTRA CHARGE-	VT 998226	Internal transport -NORTHFoundation tub LMS, PMS incl. packaging
VZ 990430	Preparation of LMS/PMS Control Box for Additional Operation w. Aluminium Cable Hand Lamp	VM 995010	Installation costs based on time spent.
VZ 935088	Foundation tub for PMS (2 pcs)	VM 999005	Hydraulic Oil (HLPD 32) per Litre -NET PRICE
VZ 935272	Foundation tub for PMS (2 pcs), hot-dip galvanized	VM 999014	Hydraulic Oil, Biodegradable (HLP 32), per litre -NET
<b>SUPPLEMENTARY CHARGES</b>		VM 995151	Installation Material PMS, LMS 8 hydraulic hoses per 1.5 m
VT 998229	Internal transport -SOUTHAxle play tester	VM 995059	Installation Material PMS, LMS 8 hydraulic hoses per 5 m
VT 998230	Internal transport -NORTHAxle play tester	VM 995152	Installation Material PMS, LMS 8 hydraulic hoses per 8 m
VT 998225	Internal transport -SOUTHFoundation tub LMS, PMS incl. packaging		