

# VEHICLE TESTING TECHNOLOGY AXLE AND JOINT PLAY TESTER

**LMS 20.0**  
VP 425017



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The axle play tester LMS 20.0 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 LMS 20.0.

## 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 inspection light with charger and power supply unit
- Operating manual

-EC Declaration of Conformity CE

## TECHNICAL DATA

Max. axle load	20000 kg
Max. wheel load	10000 kg
Test plate movement	104mm
Test plate speed	50 mm/s
Dimensions of test plate (L x W x H)	740 x 740 x 10 mm
Installation depth	260 mm
Max. thrust per side	30 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)	25 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 998230	Internal transport -NORTHAxle play tester
VZ 990430	Preparation of LMS/PMS Control Box for Additional Operation w. Aluminium Cable Hand Lamp	VT 998225	Internal transport -SOUTHFoundation tub LMS, PMS incl. packaging
VZ 975511	Special LMS Version for Flat-Bed Trailers - EXTRA CHARGE -	VT 998226	Internal transport -NORTHFoundation tub LMS, PMS incl. packaging
VZ 985057	Non-Immersed Motor f. LMS - EXTRA CHARGE	VT 998227	Internal transport -SOUTHFoundation tub LMS floor-level incl. packaging
VZ 935087	In-Ground Tub for LMS (2 pcs)	VT 998228	Internal transport -NORTHFoundation tub LMS floor-level incl. packaging
VZ 935206	Foundation Box for LMS Flatbed Version (2 pcs)	VM 995010	Installation costs based on time spent.
VZ 935159	In-Ground Tub for LMS (2 pcs), hot dip galvanized	VM 999005	Hydraulic Oil (HLPD 32) per Litre -NET PRICE
VZ 935271	In-Ground Tub for LMS Flatbed Version hot dip galvanized (2 pcs)	VM 999014	Hydraulic Oil, Biodegradable (HLP 32), per litre -NET
VZ 935273	In-Ground Tub for LMS Test plates flush with floor (2 pcs), hot-dip galvanized	VM 995151	Installation Material PMS, LMS 8 hydraulic hoses per 1.5 m
VZ 935285	Frame for LMS 20.0 integrated in frame system above ground low-bed trailers	VM 995059	Installation Material PMS, LMS 8 hydraulic hoses per 5 m
<b>SUPPLEMENTARY CHARGES</b>		VM 995152	Installation Material PMS, LMS 8 hydraulic hoses per 8 m
VT 998229	Internal transport -SOUTHAxle play tester		