

# VEHICLE TESTING TECHNOLOGY AXLE AND JOINT PLAY TESTER

**M 20000**  
VP 425019



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The axle play tester M 20000 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 M 20000.

## 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	104 mm
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

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

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

VZ 975511 Special LMS Version for Flat-Bed Trailers EXTRA  
CHARGE

VZ 985057 Non-Immersed Motor f. LMS EXTRA CHARGE

VZ 935087 In-Ground Tub for LMS (2 pcs)

VZ 935206 Foundation Box for LMS Flatbed Version (2 pcs)

VZ 935159 In-Ground Tub for LMS (2 pcs), hot dip galvanized

VZ 935271 In-Ground Tub for LMS Flatbed Version hot dip  
galvanized (2 pcs)

VZ 935273 In-Ground Tub for LMS Test plates flush with  
floor (2 pcs), hot-dip galvanized

## SUPPLEMENTARY CHARGES

VT 995058 Transportkosten LMS

VT 995131 Transportkosten LMS-/PMS-Fundamentwanne

VT 998148 Transportkosten LMS-Fundamentwanne  
fußbodeneben

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