

Axle Play Detector

Model: PMS • LMS

for Passenger cars, Vans, Buses and Trucks up to a max. axle load of 20t



- ▶ Fast determination of faults and wear at steering parts, wheel bearings, spring systems and mounting suspensions
- ▶ Single man operation
- ▶ Check the wheel bearing clearance without lifting the vehicle
- ▶ Extremely robust self-supporting design
- ▶ Two test plates integrated in the base at ground level
- ▶ Powerful even movement using a hydraulic drive
- ▶ Low-maintenance
- ▶ Low noise oil-submerged unit (over-oil unit, optional)



PMS, type 3/X can be integrated in an installation pit or in a lift, e.g. DUO. We recommend the other types for the installation pit.



Operation with a cable inspection lamp as standard



Operation optionally also possible with LED radio hand-held lamp



Two test plates at ground level integrated in the base

Option:

Radio Handlamp for Axle Play Detector:

- ▶ Small size for excellent handling L x W x H = 190 x 60 x 36 mm, low weight and ergonomic form as well as anti-slip, rubber surface
- ▶ Shatter resistant casing
- ▶ LED lighting with intense lighting power and low electrical consumption
- ▶ Battery 3.6 VDC / 2100 mAh with high capacity (ca. 7 h constant light with fully charged battery possible, recharging time ca. 6 h with completely discharged battery)
- ▶ Various fixing and storage possibilities via loop, clip and (removable) magnet
- ▶ Rugged, mechanical transmission key
- ▶ Rugged foil keypad as function keys

Technical data	PMS 101	LMS 101	PMS 3 / 2 PMS 3 / X-Pit	LMS 20 / 2	PMS 3 / X PMS 3 / XL
	Plates guided on maintenance-free Teflon rail, manual switching of crosswise and longitudinal movement		Plates guided by hard chrome-plated round guide in friction bearings. All crosswise and longitudinal movements can be controlled by the inspection lamp.		For installation in MAHA lifts
Max. axle load	3500 kg	18000 kg	3500 kg	20000 kg	3500 kg
Movement of test plate	100 mm	104 mm	100 mm	104 mm	75 mm
Hydraulic oil filling level	15 l	15 l	15 l	15 l / 20 l *	(dependent on platform)
Test plate dimensions (LxWxD)	625 x 625 x 150 mm	750 x 750 x 232 mm	625 x 625 x 150 mm	750 x 750 x 232 mm	500 x 500 x 120 mm
Movement speed (for standard movement)	70 mm/s	30 mm/s	145 mm/s	30 mm/s / 58 mm/s *	145 mm/s
Max. thrust for each side	11 kN	30 kN	11 kN	30 kN / 31 kN *	11 kN
Hydraulic pressure	120 bar	120 bar	120 bar	120 bar / 130 bar *	120 bar
Motor of hydraulic unit	2.5 kW	2.5 kW	2.5 kW	2.5 kW	(dependent on platform)
Voltage supply / fuse	3 x 400 V / 16 A	3 x 400 V / 16 A	3 x 400 V / 16 A	3 x 400 V / 16 A	

* Country-specific design (not standard)