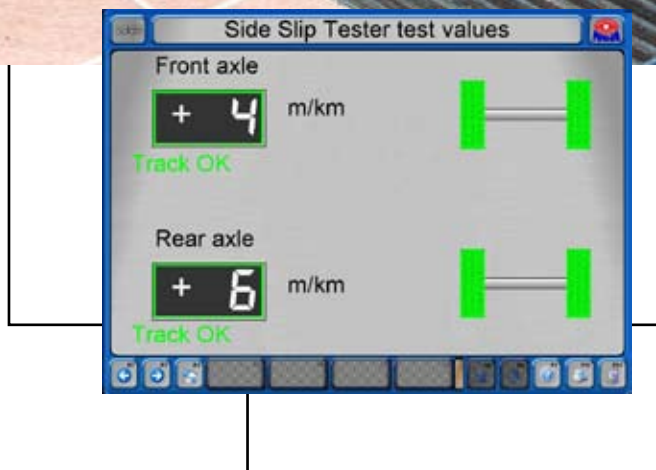


Side-Slip-Tester

Model: MINC

for CARS up to 3 t axle load
and TRUCKS up to 15 t axle load



Rapid testing of axle geometry

- ▶ for more driving safety
- ▶ for more driving comfort
- ▶ for less tyre wear and tear

Premium Workshop
Equipment

System Description:

The side-slip tester, model **MINC**, checks front and rear axle geometry within seconds. The **test plate** is installed flush-floor. It is pushed to the left or the right when the vehicle passes over it, depending on the vehicle's tracking. The deviation appears on a **Digital-Display** or on a **Screen**. In addition, too much positive or negative side-slip is shown on **signal lamps** or as **graphics** on the screen.

The operator receives a quick evaluation of the vehicle's tracking (total, front- and rear axle) and can make a qualified decision about any required vehicle work, e. g. wheel alignment or otherwise.

Model **MINC I** is for **Cars up to 3 t axle load**.

Model **MINC II** is suitable for **Trucks up to 15 t axle load**.



MINC I

MINC I/II

The display for the deviation which occurs appears on the digital **LED-Display** in m/km. The MINC II **signal lamps** indicates if the tracking falls within the tolerance level.

MINC II

The digital display as well as the signal lamps are larger and brighter on the **MINC II Truck version** for better recognition at greater distances.



MINC I/D



MINC II/D

MINC I/D and MINC II/D

MINC I/D and MINC II/D are equipped with a data printer (D). All test values are printed out with evaluation. A company heading, date and time of test also appear on the print out. The company heading can be freely programmed.

The print out can be manually or automatically called up. The data printer can be optionally equipped with a serial interface which makes test value transfer to appropriate computer systems possible. The side-slip tester can be expanded using the optional **large display** with LCD display.



MINC PROFI/MINC I EURO und MINC II EURO (floor groupings)



MAHA Test Lane for Cars with MINC I EURO



The MINC I EURO and MINC II EURO floor groupings are suitable for connection to test stands equipped with monitors. The logical integration into a test lane is then possible. The test values are displayed on the screen as clear, precise graphics. The test results can be included on the complete print out of a vehicle's safety inspection. The total vehicle inspection, including a side-slip test is quickly completed.

EUROSYSTEM					
Customer : Test Paul		License pl.no. : HW A 121		Date : 01.10.1996	
Street : Am Ring 12		Manufacturer : MAZDA		Time : 9:42	
City : Heidenberg		Vehicle make : 121 GLX			
Test Values					
Side-slip :					
Front axle :	3 m/s		before : 7.6 s, 1.0 m/s		OK / OK
Rear axle :	5 m/s		after : 7.6 s, 1.0 m/s		OK / OK
Shock absorber :					
	left	right	right	left	right
Front axle :	73 %	79 %	561 kg	14 Min	29 Min
Rear axle :	11 %	17 %	476 kg	04 Min	12 Min
Brake test :					
	left	right	brakeless		
Front axle :	1,62 kN	2,11 kN	24 %		
Parking br.:	1,47 kN	1,66 kN	11 %		
Rear axle :	1,58 kN	1,59 kN	6 %		
Total effectiveness					
Service brake-Deceleration :	73 %				
Parking brake-Deceleration :	11 %				
			Total weight: 872 kg		
Opacimeter :					
Mean K-value :	1,88	1,06			
Beam :					
Low beam :	left	right			
High beam :	No test result		Left		
Fog beam :	No test result		No test result		
Visual Defects :					
101 = Vehicle ID Plate					
105 = Speedometer 0/km protocol					
109 = Spark interference					
Total Test Results :					
! Vehicle safety test failed !					

Specifications

	MINC-PROFI	MINC I	MINC II
Axle load	2.0 t	3.0 t	15 t
Test range	- / - 20 m/km	+ / - 20 m/km	+ / - 20 m/km
Track plate width	400 mm	400 mm	700 mm
Floor grouping dimensions			
Length	1020 mm	1020 mm	1020 mm
Width	460 mm	460 mm	770 mm
Height	80 mm	80 mm	135 mm
Display cabinet dimensions (MINC-PROFI and MINC EURO consist only of grouping without display)			
Height		400 mm	400 mm
Width		400 mm	400 mm
Height		240 mm	240 mm
Foot height		1000 mm	1000 mm
Power connection		230 VAC	230 VAC

Production Program:

Testing Technology for Cars, Trucks, Motorcycles, Tractors, Forklifts, Aircraft · Roller Brake Testers · Platform Brake Testers · Shock Absorber and Suspension Testers · Side-Slip Testers · Play Detectors · Roller Dynamometers for Performance and Function Testing · Speedometer Testers · Tachograph and Taximeter Testers · Axle and Wheel Load Scales · Scissors Lifts · Two- and Four-Post Lifts · In-Ground Lifts · Pit Jacks · Axle and Transmission Jacks · Mobile Column Lifts · Headlight Testers · Diesel Smoke Meters · Emission Testers for Petrol and Gas Engines · Sound Level Meters · Air Conditioning Service Equipment · Decelerometers · Closing Force Meters · Brake Fluid Testers · Complete Test Lanes for Cars and Trucks · Mobile Test Containers · Wheel Alignment Analysers · Wheel Balancers · Tyre Changers.

Additional Services: Workshop Design and Planning · Training Seminars for Users and Service Technicians



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