



Quality control and certification
according to DIN EN ISO 9001

Platform Brake Tester

Model: 2-/4-PL-Euro

Model: 2-PL-Profi
for Cars and Vans
up to 5 t axle load



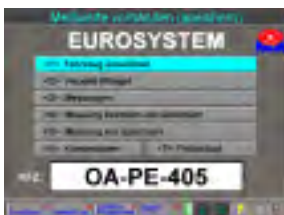
- Quick brake testing with results of the brake force distribution on front and rear axle
- Suspension diagnosis
- Expansion capabilities up to a complete test lane
- User-friendly with PC using Windows screen
- PC- network capabilities

Platform Brake Tester 2-/4-PL-Euro

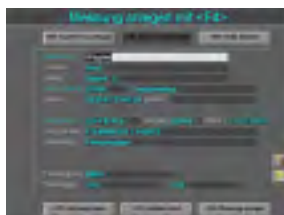
The proven platform brake tester 2-PL-Profi serves as the basis for our new **EUROSYSTEM-Platform Brake Tester 2-/4-PL-EURO**.

All floor assemblies are connected with the display unit via control module using the LON-Network. The integration of the platform tester 2-/4-PL-EURO into the Profi-EUROSYSTEM means that the advantages of a PC-supported test stand can be used:

- Database for vehicle and owner
- Measurement value storage
- Connection of several data terminals to enter data or call up measurements from outside the workshop
- In principle, the possibility to take over data from commercial programs



Main menu
The individual program steps are clearly organized..



Data masks
Here customer and vehicle data are entered.



Database
The customers and vehicle data are stored here and can be called up again at any time.



Brake test
Clear display of all measurement values recorded during the brake test.

The Eurosystem-Platform-Brake tester can be equipped with a maximum of **4 brake platforms**, a **drive over scale** and **track plate**.

It can be expanded to a test lane **by connecting a Suspension-/Shock absorber tester**. No foundation work is necessary for the total platform tester. The installation work is reduced to a minimum.

A graphic suspension diagnosis is integrated into the **4-PL-Euro** platform brake tester, assisting the workshop mechanic in making a qualified evaluation about vehicle damping.



Drive over scale

The test weight of the vehicle is determined with the drive over scale.



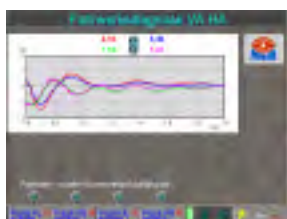
Brake plate

The brake plate has a gripping surface providing an optimal friction value.



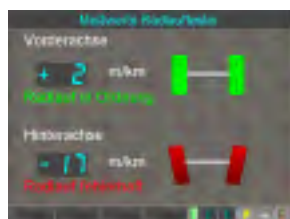
Side-slip plate

Vehicle axle straight line behavior is determined using the test plate.



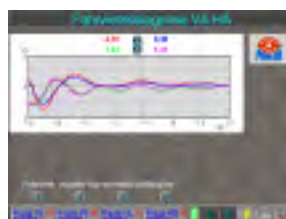
Brake test (Graphic display)

Here the brake force plotting curve can be followed.



Side-slip tester

Clear display of the vehicle axle straight line behavior.



Suspension diagnosis

Graphic display of the suspension diagnosis to evaluate the vehicle damping!



Visual Defects

Entry of the defects by pressing button based on pre-defined text component.



The vehicle with customer data can be called up from the selection list of the vehicles to be tested.

The administrative burden is thereby reduced in the workshop and the test stand utilization is increased.

The measurements can be called up again at a later date and printed out.



Platform Brake Tester 2-/4-PL-Euro

The advantages:

- Quick brake force test with results of brake force distribution on front and rear axle
- Suspension diagnostic
- Expansion possibilities up to a complete test lane
- User- friendly PC-usage with Windows-screen
- PC-network capabilities

Platform Brake Tester 2-/4-PL-Euro

Standard Equipment:

- PC-desk incl. control cabinet for test stand control with compartment for PC
- Electronic strain gauge measurement system
- Lockable main switch
- Sturdy platform placement
- Roller tracks with chromium plated surfaces and steel rollers
- Stabilized side guidance with industrial roller bearings
- Galvanized and powder paint coated test plates with high quality expanded metal
- Program control with LON-switching module
- Network nodes for equipment networking

Platform Brake Tester 2-PL-Profi/2-PLS-Profi



Technical Description:

A maximum of 2 brake plates and one tracking plate can be connected to this type of test stand.

No foundation work is necessary. The installation work is reduced to a minimum.

Clear display of the brake forces on **analog display**.

The digital display with optical results is located on the analog display in connection with the **track plate**.

A strip printer or **DIN-A4-needle printer** can be connected to document the measurement values.

Printer control via **Infra-red remote control!**

Platform Brake Tester 2-PL-Profi/2-PLS-Profi

Equipment:

- Analog display with double pointer
- Electronic strain gauge measurement system
- Interface connection RS 232 for printer or PC
- Lockable main switch
- Sturdy platform placement
- Roller track with chromium plated surfaces and steel rollers
- Stabilized side guidance with industrial roller bearings
- Galvanized and powder paint coated test plate with high quality expanded metal

Technical Data Platform Brake Tester with analog display

Axle load		5t
Dimensions brake plate (H xW x L)	[2-PL-Profi]	48 x 660 x 1830 mm
Dimensions tracking plate (H xW x L)	[2-PLS-Profi]	48 x 660 x 800 mm
Measurement range end value		8 kN

Technical Data Eurosystem-Platform Brake Tester

Axle load		5t
Dimensions brake plate (H xW x L)	[2-P/4-PL-Euro]	48 x 660 x 1830 mm
Dimensions tracking plate (H xW x L)	[PS-Euro]	48 x 660 x 800 mm
Dimensions drive over scale (H xW x L)	[PW-Euro]	48 x 660 x 100 mm
Measurement range end value		8 kN

Production program:

Testing Technology for Cars, Trucks, Vans, Motorcycles, Tractors, Fork-lifts and Aircraft · Roller-Brake Testers · Platform Brake Testers · Shock Absorber Testers · Side Slip Testers · Play Detectors · Roller Dynamometer for Performance and Function Testing · Air Conditioning Service Equipment · Speedometer and Tachograph Testers · Inspection and Wheel Alignment Scissor Lifts · Two- and Four-Post Lifts · Below Floor One and Two Cylinder Lifts · Computerized Vehicle Safety Testing Lane for Cars and Trucks · Headlight Testers · Diesel Engine Emissions Testers · 4/5 Motor Gas Tester for Otto Engines · Workshop Presses · Axle and Wheel Load Scales · Decelerometers · Brake Fluid Testers

Additional Services: Workshop design and planning · Training seminars for users and service technicians



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