

# Motor Vehicle Safety Test Lane PROFI EUROSYSTEM



- ▶ User-friendly Windows-based PC operation
- ▶ Low-cost test lane for side-slip, shock absorber and brake test
- ▶ PC networking capabilities

## Roller Brake Tester IW 2 PROFI

With the introduction of LON technology for test lane control, the wellknown and proven IW 2 PROFI Roller Brake Tester has been enhanced even more. It can be easily expanded to a low-cost motor vehicle safety lane, the PROFI-EUROSYSTEM

- ▶ Program control via LON-PROFI-PCB
- ▶ Network control module for LON network
- ▶ Electronic start-up monitoring and exiting assistance
- ▶ Delayed automatic start-up after driving onto roller set
- ▶ Automatic slip detection with pointer stop and automatic re-start
- ▶ Automatic test stand switch off after vehicle exit
- ▶ Single wheel testing
- ▶ Electronic strain gauge measuring system
- ▶ Lockable main switch
- ▶ Interface connection RS 232 for printer or PC
- ▶ Self-supporting and enclosed roller set
- ▶ Welded or plastic coated roller surface, upon request
- ▶ Powder paint coating blue, RAL 5010

## Motor Vehicle Safety Test Lane PROFI-EUROSYSTEM

The **PROFI-EUROSYSTEM** is a low-cost variation of the already existing safety test lane **EUROSYSTEM**. A trouble-free upgrading from individual pieces of equipment to complete safety test lane is possible through the use of control module technology. The test lane can be networked with several data terminals making data available and retrievable at all existing stations any time.

Adaptable base assemblies:

- ▶ Brake tester roller set
- ▶ Suspension / Shock Absorber Tester SA-2 / FWT 1-EURO
- ▶ Side-Slip Tester Minc-Profi- / Euro

An **automatic zero point adjustment and self-test** takes place when the system is switched on.

Testing begins automatically on all integrated test equipment once the vehicle drives over.

The Windows-based software has a data interface which, in principle, makes it possible to import data from commercial programs.

Information from the vehicle and owner databases are permanently stored with the test results and are retrievable at any time.





## PROFI-EUROSYSTEM Display Variations

The **PROFI-EUROSYSTEM** can be equipped with a **PROFI-EUROSYSTEM PC** or an **ANALOG** display or a combination of both. The base assembly need only be connected to the required display unit with the suitable control module.



### PROFI-EUROSYSTEM PC-DESK

The **PROFI-EUROSYSTEM PC Desk** functions as the control center, containing all the necessary switching elements needed to operate the individual base assemblies. It consists of shelves for PC, keyboard, printer and VGA screen.

Using the **PROFI-EUROSYSTEM PC** the test results display appears on the PC screen. (see display samples, page 4). The optional available **PROFI-EUROSYSTEM PC** program can be installed on a separately purchased PC.

### PROFI-EUROSYSTEM CONTROL CABINET

The **PROFI-EUROSYSTEM** control cabinet is used when the test result display appears on an external PC unit or on the PC's of other test equipment such as motor testers, exhaust tester, wheel alignment device, etc. The following prerequisites are necessary when using separately purchased PC's or external test equipment PC's:

- ▶ The respective equipment sales representative must provide adaption possibilities
- ▶ The PC must have Windows 3.11 or 95 operating system.
- ▶ The **PROFI-EUROSYSTEM PC** program must be installed on location by an authorized service technician.

### IW 2 PROFI-LON-ANALOG DISPLAY

The **IW 2 PROFI-LON- Analog** display consists of a multi-functional analog display with scales for brake, shock absorber and side-slip test results. The test result representation is shown on the pointers of the **IW2 PROFI-LON- Analog** display.

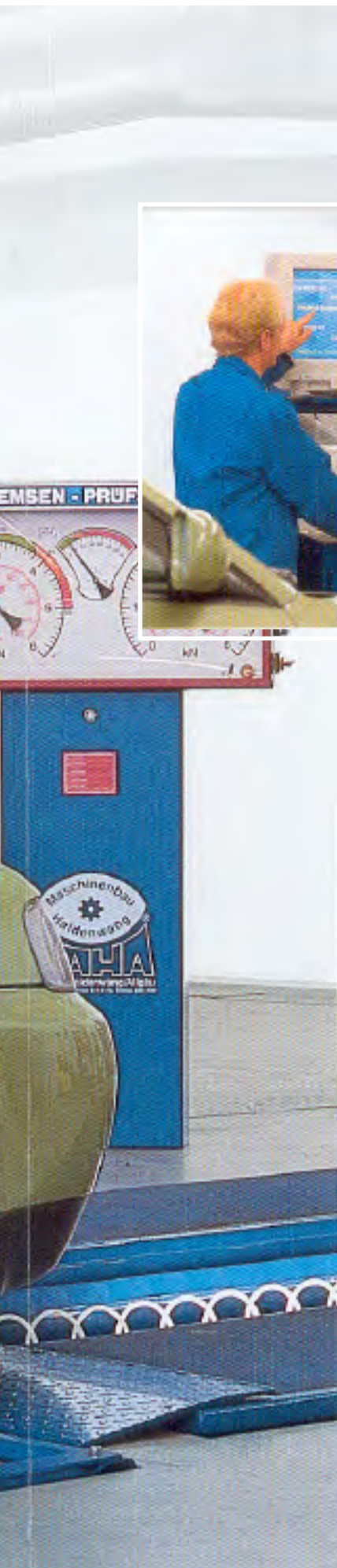
All the necessary switching elements needed to operate the individual base assemblies are in the analog display.

An imbalance display for brake and shock absorber values integrated into the analog display unit is optionally available.

The multi-functional display for brakes, shock absorber and side-slip is also available as a simultaneous display.

A DIN A4 printer can be connected to all three display alternatives for complete documentation print out.

The printer control is done using the keyboard or infra-red remote control (optional).



# PROFI-EUROSYSTEM Screen displays



**Program Menu**  
Easy operation via  
user-friendly menu design

**Shock absorber test**  
numerical and graphical  
display of the suspension's  
amplitude resonance curve.

**Customer data mask**  
for entering vehicle and  
owner information

**Side-slip test**  
Clear display of the vehicle's  
tracking performance

**Databases**  
for storing and retrieving  
of test values and results

**Visual defects**  
Quick entry of visual defects  
via hierarchially structured  
set up. The defect list can be  
freely edited.

**Brake test**  
3-dimensional bar graphs  
and numerical display of  
various brake force values.

## Fertigungsprogramm:

Prüftechnik für PKW, LKW, Motorräder, Traktoren, Gabelstapler, Flugzeuge: Rollen-Bremsenprüfstände · Platten-Bremsenprüfstände · Rollen-Leistungs- und Funktionsprüfstände · Fahrzeug-Klima-Servicegerät · Stoßdämpfer- und Fahrwerktester · Radlauftester · Spieldetektoren · Tachometerprüfstände · Achs- und Radlastwaagen · Scherenhebebühnen · Zwei- und Viersäulenhebebühnen · Ein- und Zweitempelhebebühnen · Radgreiferhebebühnen · komplette PKW- und LKW-Prüfstraßen · Scheinwerfer-Einstellgeräte · Dieselrauchgastester · Verzögerungsmeßgeräte · Bremsflüssigkeitstester · Reifendiagnosetester · Werkstattpressen.

**Weitere Leistungen:** Werkstattplanung · Schulungsangebot für Anwender und Service-Techniker



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