

# AHS ■ VARIOFLEX EASY New!

Roller brake testers for cars and trucks

Standard equipment	New 306	New 260	New Screen
Single-piece or two-piece roller bed (S-/U-version)	✓	✓	✓
Fully plastic-corundum coated rollers Ø in mm	190	260	190 o. 260
Rollers at same level	✓	✓	✓
Testing width min./max. in mm	930/2690	930/2690	930/2690
Splash-proof spur-gear motors, easy-running	✓	✓	✓
Drive power in kW	2x10	2x10	2x10
30 m signal cable for connection of roller set/cabinet	✓	✓	✓
<b>Start-on protection</b> against external drive (wrong drive-out during stopped rollers)	✓	✓	✓
Sidewise delayed star/delta activation of the motors	✓	✓	✓
Maintenance-free strain gauge measuring system	✓	✓	✓
Manual operation or automatic mode	✓	✓	✓
Single-wheel mode by cable remote control with deadman switching (20 m cable set)	✓	✓	✓
Automatic activation and restart	✓	✓	✓
Start jamming protection	✓	✓	✓
Locked brake cut-off	✓	✓	✓
Drive-out support	✓	✓	✓
<b>Cabinet</b>	<b>New 306</b>	<b>New 260</b>	<b>New Screen</b>
Cabinet with two large analogue scales	✓	✓	✓
Automatic switch of measuring range	✓	✓	✓
Electronics integrated in cabinet (without analogue scales) and Software PICARO II	✓	✓	✓
Four LED indicators for measuring range	✓	✓	✓
Four LED indicators for driving direction	✓	✓	✓
Preparation for reverse motion	✓	✓	✓
Indicator light for automatic mode	✓	✓	✓
Driven-in indicator light for <b>active security control</b>	✓	✓	✓
Visual steering via traffic light system	✓	✓	✓
Indicator light for high brake force difference	✓	✓	✓
All indicator lights <b>via LED with very long lifetime</b>	✓	✓	✓
Lockable main switch	✓	✓	✓
Preparation for digital display for brake force difference as well as pressure transmitters	✓	✓	✓
<b>Special locks</b>	✓	✓	✓
Silicon seal ( <b>protection against splash water</b> )	✓	✓	✓
Preparation for the connection to a side slip tester AHS 5002 and a pit safety device	✓	✓	✓
Preparation for the integration of an axle weighbridge	✓	✓	✓
Preparation for the integration of a wheel- and axle weighbridge (split-roller bed)	✓	✓	✓
<b>PC interface</b>	✓	✓	✓
<b>Network-compatibility</b>	✓	✓	✓
<b>Technical information</b>	<b>New 306</b>	<b>New 260</b>	<b>New Screen</b>
Max. drive overload in kg	16000	16000	16000
Display range in kN	0-6/0-30	0-6/0-30	0-6/0-30
Measuring range in kN	0-6/0-30	0-6/0-30	0-6/0-30
Testing speed in km/h	2.3	2.3	2.3
Operating voltage and protection in V/A	400/63	400/63	400/63

Please order our foundation drawing. Please check all measurements on the premises.

AHS ■ PRÜFTECHNIK GmbH & Co. KG Richtstraße 32 D-27753 Delmenhorst  
 Tel. ++49 (0)4221/9182-0 Fax ++49 (0)4221/9182-20 info@ahs-prueftechnik.de  
 AHS ■ WILDAU GmbH & Co. KG Gewerbeparkstraße 5 D-15745 Wildau  
 Tel. ++49 (0)3375/5184-0 Fax ++49 (0)3375/5184-20 info@ahs-prueftechnik.de



This leaflet is based on the technical knowledge of August 2006. Subject to innovations, changes and completions. We cannot take over any liability for misprints.

# AHS ■ VARIOFLEX EASY New!

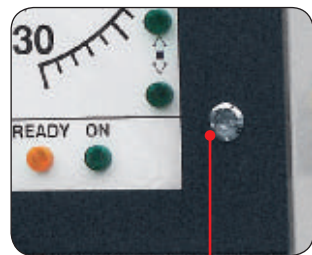
Roller brake testers for cars and trucks

HIGH-TECH-PRODUCTS  
MADE IN GERMANY

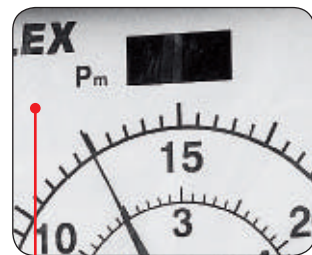
All AHS brake testers can be upgraded to a complete test lane

QM-System nach  
  
 DIN EN ISO 9001

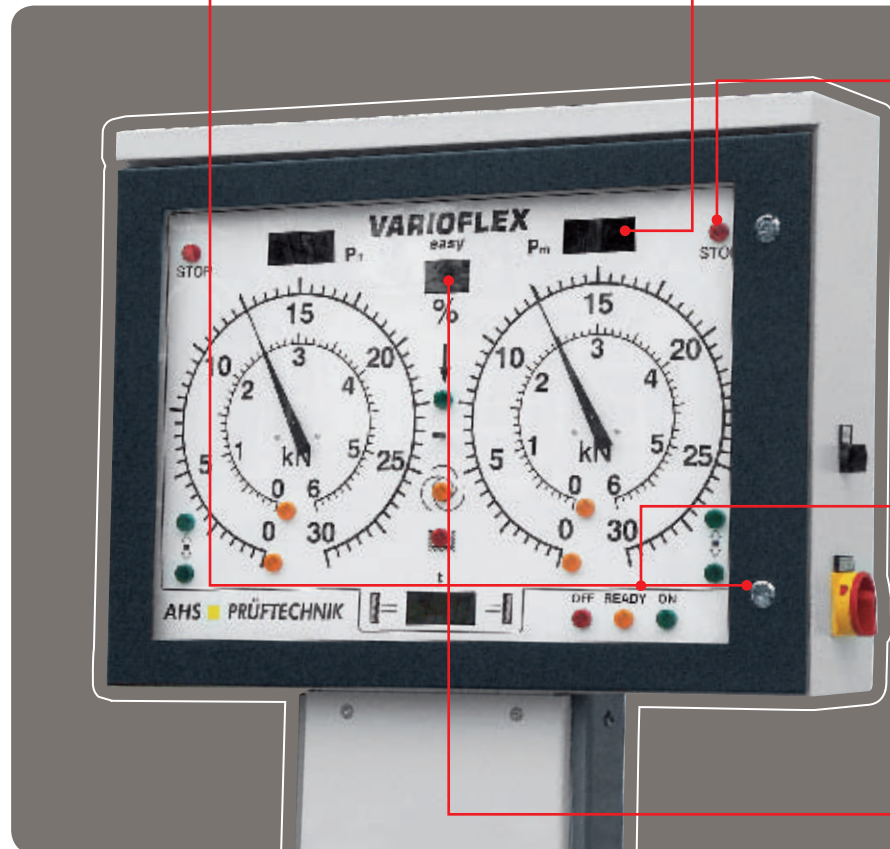
**AHS ■ PRÜFTECHNIK**  
 www.ahs-prueftechnik.de info@ahs-prueftechnik.de



Special locks and silicon seal for easy maintenance



Preparation for pressure transmitters, either with hose set or radio-controlled



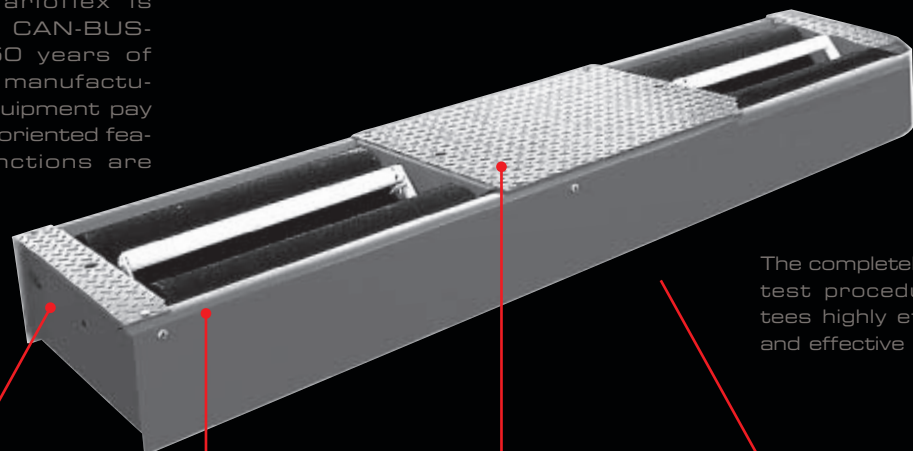
LED indicator lights with very long lifetime

Visual steering via traffic light system

Preparation for digital display for brake force difference, pit safety, reverse motion, weighbridge

## INEXPENSIVE STARTING VERSION - UPGRADABLE TO A COMPLETE TEST LANE AT ANY TIME

AHS NEW Varioflex is equipped with CAN-BUS-technology. 50 years of experience in manufacturing testing equipment pay off! Workshop-oriented features and functions are standard.



The completely automated test procedure guarantees highly efficient, fast and effective diagnostics.

Robust frame construction, special versions for existing pits

Long-living fully plastic-cerium coated rollers for extreme usage

Powerful 2 x 10 kW spur-gear motors

Preparation for weighbridge (standard)

PICARO II - testing software for easy operation



Detailed diagnostics, automated test procedure

## FAST. EFFECTIVE. SIGNIFICANT.

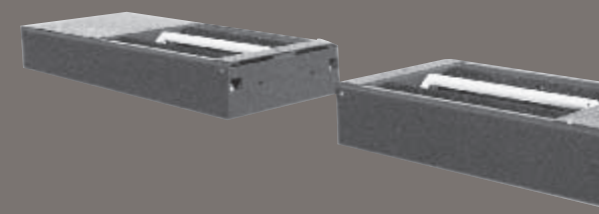
The AHS Varioflex Easy can be upgraded with a complete PC system and workshop-righteous solutions for its storage. It is also available as a completely computerized system without analogue scales (Varioflex Screen). The testing software PICARO II is easy to operate and was developed especially for the needs of workshops. It includes a completely automated test procedure, numerous editing and storage possibilities as well as the possible use of reference measurements. The integration in a network is possible.

The significant test report includes not only all relevant measurements, but also detailed graphics and is an effective tool for sales promotion.

## AHS VARIOFLEX SCREEN



The AHS VARIOFLEX EASY is also available with a two-piece roller bed for the installation above a pit - either as a S-version with motors fitted sidewise (for easy maintenance) ...



... or as a compact and space-saving U-version with motors fitted beneath the rollers.



### Options

- Thermostat-controlled cabinet heating
- PC desk with monitor holder and mouse plate
- Workshop righteous PC cabinet with vision panel
- Software package PICARO II for Windows
- Side slip tester
- Axle weighbridge (single-piece roller bed)
- Wheel- and axle weighbridge (two-piece roller bed)
- Pneumatic pressure transmitters (either with hose set or radio-controlled)
- Pedal force meter
- Joint play detector
- Pit safety device