

# VLT ROAD CONTACT/SUSPENSION TESTERS

VLT 3673/M - VLT 3673/MK2

## VLT 3673/M AND VLT 3673/MK2

The Suspension Tester operates according to the well-known EUSAMA principle. However, the diagnostic options are not restricted to the contents of this specification. In addition to the usual road contact values, the following values are also measured and displayed: the contact value difference, resonance frequency and wheel weight at minimum contact value, tyre pressure value, wheel weight and axle weight. There is a general final evaluation so that all these values do not have to be interpreted after every test.

The Suspension Tester can be used in combination with a VLT Brake Tester. The two pieces of equipment are monitored by the same computer. A single display cabinet is used for the two pieces of equipment. The axle weight measured by the Suspension Tester is also used for the calculation of the brake efficiencies.

Models with 22", 27" and 32" large TFT-LCD monitors with full colour display for information and results.

The VLT 3673/MK2 is the more advanced development of the VLT 3673/M fully based on the EUSAMA principle. The VLT 3673/MK2 has beside the EUSAMA the new developed phase shift included what made the EUSAMA measuring somewhat more flexible for the lower wheel weights of smaller vehicles.

Further more the frequency at the VLT 3673/MK2 is controlled by a inverter.

VLT SUSPENSION TESTERS ARE DESIGNED TO IMPROVE SAFETY ON THE ROAD.  
MODELS FOR UP TO 2500 KG AXLE WEIGHT.

### Technical specifications:

Model	VLT 3673/M	VLT 3673/MK2
Measuring principle	Eusama	Eusama + phase shift
Motor power (2x)	3 kW	3 kW
Measuring frequency	25 - 0 Hz	25 - 0 Hz
Frequency regulated by frequency inverter	no	yes
Vertical plate movement	6.0 mm	6.0 mm
Max. testing axle weight	2500 kg	2500 kg
Max. drive-over axle weight	5000 kg	5000 kg
Dimensions of measurement plate (2x)	400 x 700 mm	400 x 700 mm
Weight measuring system	25 - 1500 kg each wheel / 50 - 3000 kg per axle	
Dimensions of measurement unit (w x l x d)	2350 x 500 x 255	2350 x 500 x 255
Optional subframe	VLT 3605/T2	VLT 3605/T2
Optional subframe for heavy lane	VLT 3610/MR/T2	VLT 3610/MR/T2

