MSG MS1000+
Your specialist in shock absorber diagnostics
Recognize revenue opportunities in shock absorber diagnostics

Timely unrepaired wear of shock absorbers reduces driver’s ability to control the vehicle on the road and traffic safety. Unfortunately, a defective shock absorber may not have external signs of wear. Its inefficient work can be caused by deterioration of the internal components and materials. It is impossible to identify it visually. In such cases, special diagnostic methods should be used.

Can your current diagnostic bench do this?

Test Bench MS1000+ is a specialized equipment item, manufactured for service centers specializing in repair and maintenance of shock absorbers for cars, trucks, motorcycles, bicycles and so on.

Benefits of shock absorber diagnostics

**Increased road safety**
- due to decrease of stopping distance
- due to prevention of tyre wear
- due to reduction of steering vibration

**Increased customer satisfaction**
- due to a more comfortable ride
- due to a lower fuel consumption
- due to cost savings on timely technical inspection

**Increase in workshop revenue**
- income from shock absorber diagnostics and adjustment
- additional revenue from running gear work

All advantages of MS1000+ at a glance:

- Fits any type of shock absorber
- Testing of a unit under load with different speed and simulation of car in motion
- Safe fixing of a tested shock absorber
- User-friendly software
- Manual and automatic operation mode
- Graphical and table record of performance parameters
- Print results
- Quick testing and easy servicing
Diversity rules

Simple operation contributes to easy testing of shock absorbers of any kind. Diagnostics of mono-tube and twin-tube gas charged shock absorbers with diverse combinations of upper and lower mounting allows your workshop to specialize in wide range of repair processes.

Having this contemporary shock absorber test bench by MSG Equipment in your workshop, you ensure accurate diagnostics, deliver great ride comfort and safe road-holding characteristics to customers.

Safe fixing of a tested shock absorber

Upper and lower pneumatic clamps ensure safety during testing process. Specialized pneumatic vice is used for quick, safe and easy fixing of shock absorbers of any type. The clamp controlled by PC, control panel or pedal unit. Also there is an ability to fix the temperature sensor to shock absorber.

Pneumatic clamp control buttons on the control panel are used for regulation of upper and lower pneumatic clamps.

Pneumatic clamp pedal control gives an opportunity to mount a tested unit with both hands.
Easy-to-use software
Exact measurement

MS1000+ connects to the Internet through Wi-Fi. Software update and technical support are available through the Internet.

Operation Modes
- Automatic, speed options: up to 6 free speed options.
Company and Operator input fields allow to personalize the report.

Testing of a unit under load
Diagnostics of a shock absorber is conducted through dynamogram record. Maxim load available is 1000 kg.

Graphical and table record
Print results
There is an opportunity to compare testing results any time. There are 2 fields in the appeared window where testing results of different shock absorbers are reflected. Results can be all together and separately printed.
Quick testing
Easy servicing

Testing of a shock absorber on the test bench MSG MS1000+ will take few minutes. There is no need in specially trained mechanics - the test bench is simple both in use and service. A detailed User Manual contributes to comfortable test bench application.

Delivery set

- test bench
- set of changeable fittings for shock absorber - 3 pairs
- handle for fixing pneumatic clamp lock nuts - 1 piece
- universal prism for fixing shock absorbers with rod end - 2 pcs +1 piece with uncalibrated holes (for shock absorber with irregular shafts)
- pneumatic clamp pedal control unit (optionally)
- shock absorber nitrogen filling block (optionally)
- user manual
Great mechanics never stop learning
We fully support that

Shock absorber repair is difficult only at first glance – see for yourself by attending the training course on the territory of our enterprise in Kharkiv, Ukraine. You will have an opportunity to learn and practice with MSG Team and meet our talented equipment developers personally.

3-days course

- Live communication with our equipment developers
- Training videos with comprehensive materials
- Theory and practice with MSG Team
- Sightseeing and acquaintance with Ukrainian culture
- Certificate of successful passing of training course
information

MSG Equipment
www.servicems.eu
+38(057)7280171
sales@servicems.eu
Kharkiv, Ukraine
18, Biolohichna St.

STS SP. z.o.o
www.sts.parts
+48(81)8842002
hello@sts.parts
Lublin, Poland
11 Mehgiwska St.

See Also

www.razborka.ua
www.autosteering.ru
www.sts.parts
www.sto.ms

Follow Us

Facebook
Twitter
YouTube
LinkedIn
Skype
Instagram

MSG Equipment