

## MAIN FEATURES AND BENEFITS

- VOSA approved installation for Tachograph Calibration
- Works with all tachographs
- Guides the user automatically through the complete calibration process
- Carries out tachograph calibration at under 3km/h helping to significantly reduce noise pollution in the workshop
- Wireless calculation of W, K & L factors using the Optimo tool
- No cables from the tester to the console, ensuring improved workshop health and safety
- Uses a laser detector to verify the driven wheel rotation
- Precise measurements ensuring maximum accuracy
- Automatic sending of calibration data to the tachograph at the end of a calibration
- Calibration of a vehicle takes less than 2 minutes
- Complete kit supplied and fitted by Stoneridge in less than one day ensuring very low down time of the equipment

Stoneridge Electronics™ is a leading provider of Tachographs and Fleet Solutions to the European Aftermarket sector. Four decades of design and manufacturing, coupled with our insight and experience allows us to ensure customers receive exactly what they want: highly reliable and robust products, backed up by a professional after-sales service.

Stoneridge is working with different Brake Tester manufacturers to provide tachograph calibration solutions. For more information on what solutions may be available for your Brake Tester or for any other enquiries please call 01382 866 400 or email [amsales@stoneridge.com](mailto:amsales@stoneridge.com).



**BRAKE TESTER  
TACHOGRAPH  
CALIBRATION  
CAPABILITY**



## KEEP YOUR BUSINESS MOVING

The success of any commercial vehicle workshop revolves around utilisation of space - ensuring a quick turnaround of jobs and a steady supply of new work coming through the door. Successful businesses think smart and are constantly on the look out for new opportunities to satisfy customer needs.

The tachograph calibration solution from Stoneridge comes with a whole host of new features and benefits which aid workshop productivity and utilisation.

## TACHOGRAPH CALIBRATION CAPABILITY

The Stoneridge solution offers a VOSA Approved Tachograph Calibration Add On for many market leading Brake Testers\*, ensuring better utilization of space by having both brake testing and tachograph calibration in a single bay.

This dual functionality concept is designed with ease of use in mind, uses the latest wireless technology and provides precise measurements ensuring maximum accuracy. With no cables involved, it wirelessly obtains the W & L Factor in under 2 minutes allowing tachograph calibrations to take place quickly and easily.

\*Including BM Autoteknik and Nussbaum amongst others

## WIRELESS COMMUNICATION

The product is used with the Optimo Workshop Tool and a custom designed electronic console, which wirelessly transmits the brake tester signals to the Optimo.

The Optimo tool, designed to increase workshop efficiency, covers all areas of tachograph calibration and programming. Focusing on speed and ease of use it provides wireless calibration for all types of tachographs. It guides the fitter through the complete calibration process and automatically sends the data to the tachograph at the end of the calibration.



## PRECISE MEASUREMENTS FOR MAXIMUM ACCURACY

The installation includes a modified sensing roller to detect measured wheel circumference (L factor), and an encoder system which generates a pulse for every 1mm to 3mm rotation of the sensing roller against the driven wheel. This ensures a high level of accuracy and repeatability.

## LASER DETECTOR

A laser detector is used to verify the driven wheel rotation. The red laser also assists the operator in fitting the reflective tape as you can see the laser on the tape as it is fitted. The laser is fitted in a 10mm thick solid steel casing to resist damage if the vehicle accidentally drives over the sensor.

