

I used the Smart Shoe R-145-WH and R-145-D Wifi equipment 2 weeks ago testing some car and loco equipment for PTC. First, I wanted to let you know how much of an improvement it was to use the new Wifi equipment (nb: vs the wired system). The setup time was much faster without having the hassle of getting sensors tangled and twisted in the attached sensor wiring of our previous testers. Additionally, the use of 8 sensors cut my test time in half! It was great being able to instrument the entire car/loco just one time and not having to go between the A and B truck. The tablet was really the icing on the cake. While testing the locomotive, I was able to setup everything and run all my brake tests from the cab of the locomotive. There was no signaling, or communication needed between the guy on the ground and me in the cab. I simply ran the entire shoe force test from the cab of the loco. Same case for testing the car; I was able to test the entire car from the SCT device and watch the live stream of data from the tablet. And using the tablet with a touch screen to input the test notes and recording data was much better than the small computer screen and stylus on the old equipment. These new test devices were a huge improvement! Great job!

Adam Eby | *Senior Mechanical Engineer*

Mechanical Rolling Stock Engineering

AMTRAK, National Railroad Passenger Corporation



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... It was amazing news that job has finished quickly and we really appreciate your effort to get it done quickly.
We hope we can cooperate more in future.

Saeed Yousefi

Procurement/Quality Manager

BEng (Mech), MIEAust



LOCKELEC Rolling Stock

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Test duration per car – between 1.5 to 3 hours depending on set up and any other factors arising during the test.

Number of tests per month – this can vary based on production, and importantly the length of each order. We have seen upwards of 10 in a month. On a yearly basis we would average over 50.

| James Batchelor, P.Eng
| Managing Director

Quality Assurance
National Steel Car



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... That system was amazing. So much easier to use and setup. We didn't take any photos of the testing unfortunately.

Data storage and retrieval was easy and intuitive in my opinion.

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I appreciate you sending that system our way and I'm sure it's going to be a huge success for you all.

Thank you,

Jesse Miller
Engineer
Texana Tank Car Mfg., Ltd.



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... I have been on leave and returned to find the Smart Shoe Kit sitting by my desk. The kit appears very well constructed, and I am looking forward to using it. As per you comment below I will run a trial/desk test to get myself familiar with the system. If I have any questions I will be in touch.

Thank you,

John Hunt
Engineering Draftsperson



... This has been the first opportunity to use Brake Force Tester S/N 8SS07 to test a car. I am very pleased to report that all load cells worked with no issues. Thank you for the time and effort it took to replace the cables and alleviate the issue of the non-reading load cell.

Ricardo Curiel
Manager
UTLX



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... The product sounds very innovative and exciting...

Regards,
Doug M.
Wabtec



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.... Fantastic that the job is all complete so quickly.

Rachael Fleischer



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