

# STARS VETS

Vehicle emissions testing for chassis, engine and powertrain dynamometers



EMISSIONS



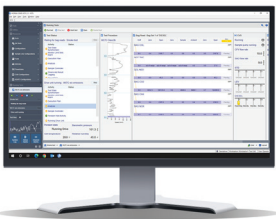
ELECTRIFICATION



CAV



DATA



STARS VETS increases test cell efficiency and productivity from test configuration to final report generation. Preloaded with regulatory cycles, configuration data and emission results calculations for a wide range of global standards, STARS VETS offers comprehensive ready-to-use application packages for certification and R&D testing of conventional and electrified vehicles. Based on the STARS Automation platform, it enables customization of testing at every vehicle development stage, including interfaces for various simulation platforms for scenario based real-world testing.

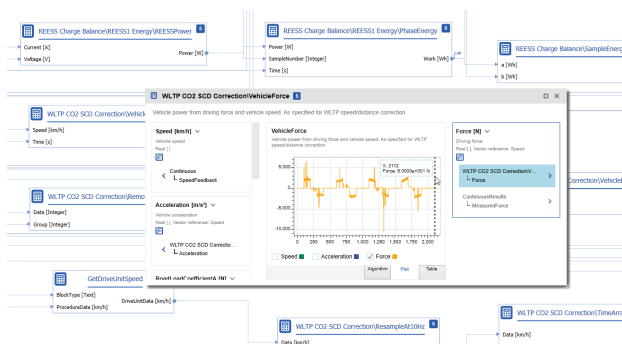
**STARS**  
Automation

**HORIBA**  
Automotive

## Increase Test Cell Efficiency

Vehicle emission testing has never been such a challenge than it is today due to increasing complexity in emission regulations, coverage of new powertrain technologies (Fuel Cell, Hybrid or Battery vehicles), and consideration of vehicle real-world compliance.

To overcome this complexity, STARS VETS includes a complete application package to address testing for full electric and hybrid electric vehicles, providing all necessary features to assess pollutants emission, fuel consumption, electric energy consumption and range.



STARS VETS also includes support for real driving emissions testing – enabling whole-vehicle RDE tests to be replicated accurately with HORIBA's unique methodology and know-how on chassis, engine and powertrain dynamometers.

Whether running standard procedures or customized R&D tests, STARS VETS provides full transparency of the results analysis process. The Analysis Inspector is a unique advanced diagnostic feature, exposing the entire calculation chain.

STARS VETS integrates with STARS Enterprise, HORIBA's facility automation solution to keep the test cell and the whole facility running at its peak efficiency and productivity, all while producing integral quality data ensuring minimal data variation and downtime.

STARS VETS gives absolute confidence in results because it was created by the engineers and scientists at HORIBA Automotive.

STARS ENTERPRISE

STARS AUTOMATION

HORIBA Automotive provides innovative applications and insights, advanced automotive validation and verification technologies and equipment, and ongoing guidance and consultation to client partners across the globe. With 75 years of unmatched comprehensive scientific measurement and data management proficiencies, HORIBA Automotive's ever-expanding engineering expertise and ongoing innovations provide customers with complete solutions that solve industry challenges.

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