



# AUTOMOTIVE TESTING

# CLIMATIC WIND SIMULATORS FOR CHASSIS DYNAMOMETERS



TANGENTIAL WIND SIMULATOR



AXIAL WIND SIMULATOR



CENTRIFUGAL WIND SIMULATOR

## OUR PRODUCTS ARE WLTP COMPLIANT

### ABOUT US

The automotive testing sector is in constant evolution in order to stay in compliance with the constant updates required by national and international regulations. Safety, reliability and respect for the environment are prerequisites through which Rimor works.

Rimor manufactures wind simulators for chassis dynamometers, capable of reaching high speeds, work in conditions that present substantial thermal ranges and guarantee flow homogeneity as required by different regulations in force.

Therefore, Rimor can guarantee wind simulators in compliance with all the regulations in force, in order to meet the demands of any automotive manufacturer around the world.

### MAIN FEATURES

The ventilation system can generate a homogeneous flow speed of up to 140 km/h in accordance with the new WLTP standard that requires a homogeneous flow speed of at least 130 km/h.

The wind simulators for chassis dynamometers that Rimor manufactures are adequate to work in climatic wind tunnels and therefore in temperatures well below zero centigrade, subject to continuous and sudden speed changes such as accelerations and decelerations and climatic condition changes.

All ventilation systems are certified in terms of performances by computational fluid dynamics simulations guaranteed by Rimor in the manufacturing phase.