

CHASSIS DYNAMOMETER SYSTEM FOR 4-WHEELED VEHICLE TESTS

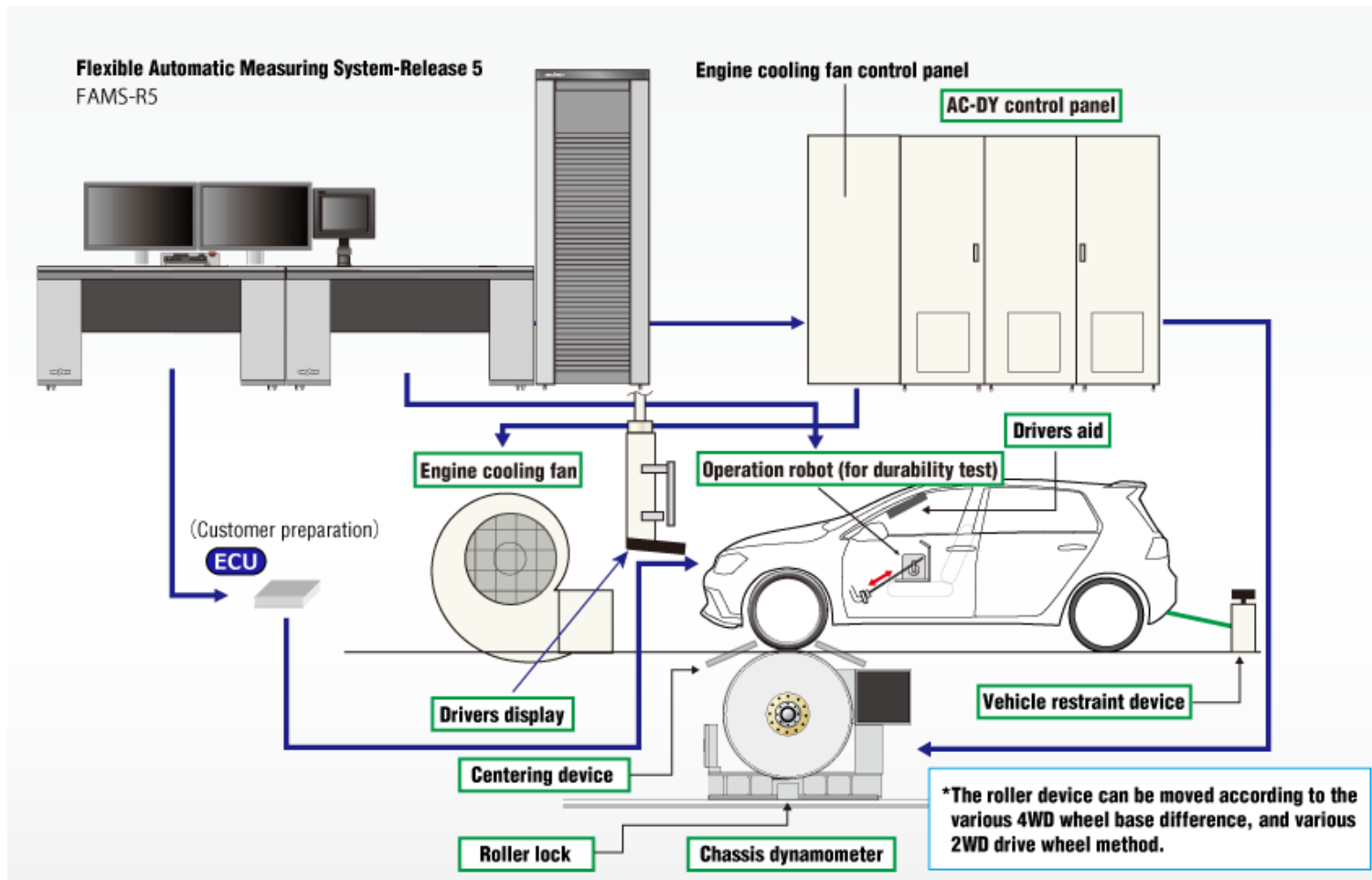
Overview

Onosokki's chassis dynamometer system can meet the needs of a wide range of tests, such as emission performance, horsepower performance, environmental performance and strength tests. It is supported by superior technology and full line of peripheral equipment. We can also provide technical support for the design of the testing room.



Feature

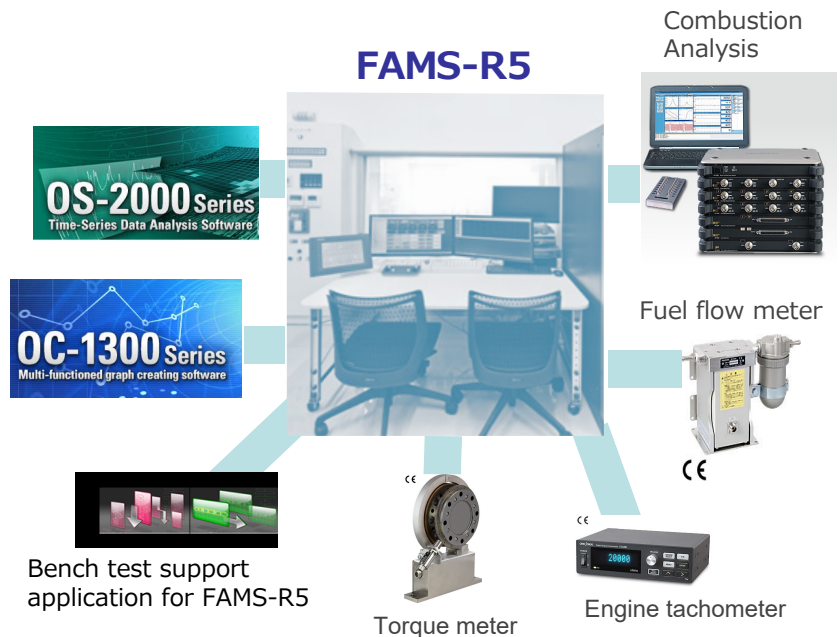
- Space saving type which uses worldwide standard of $\phi 48$ -inch roller and dynamometer.
- Gas emission test, durability test, performance test, and environmental test to various vehicles (motorcycle, vehicle, EV, HEV) are supported.
- Adopted FAMS-R5 system for 4-wheeled vehicle chassis dynamometer.(conforming to CFR-1066, GTR-15)
- Improved reproducibility of test result by vehicle restraint method with high workability.
- Components necessary for emission test are included, such as vehicle restraint device, engine cooling fan, centering device, roller lock device, and drivers display.
- Application software necessary for emission test is installed, such as road resistance setting software, and drivers aid.
- Applications developed for CFR1066, SAEJ2951 and JASOE014 evaluations.



System configuration

◆ The measurement control unit with the built-in model arithmetic unit expands your measurement and analysis, link to various software and equipment.

- Advantage in linkage to various equipment
- Advanced analysis through ECU synchronized measurement, automatic sequence measurement, driver modeling, expansion of measurement channels, and connection to combustion analysis equipment.
- FAMS-R5 applications developed on other test equipment can be shared.
- Easy to build an interface that can efficiently support development and verification related to RDE regulations.



Peripherals

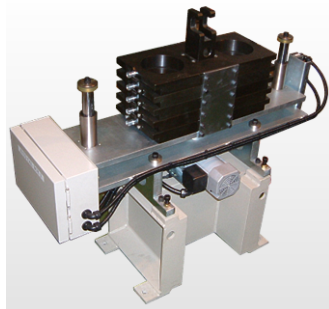
◆ Drivers Display

- Screen switching function :measurement screen or Drivers Aid screen.
- Displaying each data on the measurement screen helps driving operation so that a driver can check the driving status.



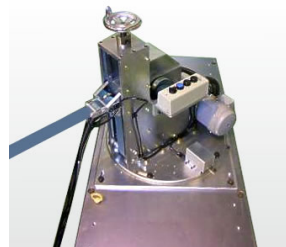
◆ Auto Calibration Device

- Dynamo torque calibration by remote control automatically



◆ Vehicle Restraint Device (Semi automatic)

- No need to make special modification to the test vehicle.
- Used for almost any types of test vehicle.
- Enables safe mode operation.
- Easy to reproduce the test result.
- Easy setting in a short time for anyone



◆ Engine Cooling Fan

- Vehicle speed tracking type
- engine cooling device
- Applicable fan type :centrifugal fan, axial flow fan.
- Back and forth movement method :manual or electroactuation



ONOSOKKI

WORLDWIDE ONO SOKKI CO., LTD.

3-9-3 Shin-Yokohama, Kohoku-ku, Yokohama 222-8507, Japan
Phone : +81-45-476-9725 Fax : +81-45-476-9726
E-mail : overseas@onosokki.co.jp

*Outer appearance and specifications are subject to change without prior notice.

URL : <https://www.onosokki.co.jp/English/english.htm>

U.S.A.

Ono Sokki Technology Inc.
2171 Executive Drive, Suite 400
Addison, IL. 60101, U.S.A.
Phone : +1-630-627-9700
Fax : +1-630-627-0004
E-mail : info@onosokki.net
<http://www.onosokki.net>

THAILAND

Ono Sokki (Thailand) Co., Ltd.
1/293-4 Moo.9 T.Bangphud
A.Pakkred
Nonthaburi 11120, Thailand
Phone : +66-2-584-6735
Fax : +66-2-584-6740
E-mail : sales@onosokki.co.th

INDIA

Ono Sokki India Private Ltd.
Plot No.20, Ground Floor, Sector-3,
IMT Manesar Gurgaon-122050,
Haryana, INDIA
Phone : +91-124-421-1807
Fax : +91-124-421-1809
E-mail : osid@onosokki.co.in

P.R.CHINA

Ono Sokki Shanghai Technology Co., Ltd.
Room 506, No.47 Zhengyi Road, Yangpu
District, Shanghai, 200433, P.R.C.
Phone : +86-21-6503-2656
Fax : +86-21-6506-0327
E-mail : admin@shonosokki.com