

SPECIFICATIONS:

	ITEM	STANDARD TYPE	SMALL TYPE
ROLLER	Maximum Speed [Km/h] Diameter / Width [mm] Material Surface	200 530.5 / 300 Steel Hard Chrome plating	150 530.5 / 250 Steel Hard Chrome plating
INERTIA	Base inertia [Kg] Simulation inertia [Kg] Accuracy	120 120-400 ±1%	90 80-260 ±1%
DYNAMOMETER	Rated power [kW] Base / Top speed [r/min]	45 / 37 1500 / 2000	7.5 750 / 1500
TORQUE METER	Flange Type	TQ-1107	TQ-1206

Features:

- ◆ Hi-Tech Japanese Technology
- ◆ Accurate, fast response and low noise
- ◆ Robust and highly durable mechanical system
- ◆ Expandable hardware and software options
- ◆ Compatible with variety of hardware (ECU, OBD) / software options
- ◆ Automatic Road Load Sequence setting
- ◆ Automatic Wheel Clamping using Pneumatic system
- ◆ Highly accurate In-house developed products – Software, Fuel Flow meter, Throttle Actuator, Torque Flange and Tachometer etc.
- ◆ User friendly operation with safety features & low maintenance cost
- ◆ Manufacturing in India and local service support

ONOSOKKI



Asian Model 2 Wheelers Chassis Dynamometer

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Overview:

OnoSokki Chassis Dynamometer system has been upgraded to meet the needs of wide range of motorcycle test such as Performance, Endurance and Exhaust gas Emission test (optional). It supports a full line of peripheral equipment by superior technology. OnoSokki also provides technical support for the design of the testing room.

- ◆ Conforms to various regulations including WMTC, INDIA, and EURO Mode.
- ◆ AC Dynamometer with electrical inertia controlled.
- ◆ High accuracy torque detector used for control and measurements.
- ◆ Components necessary for Performance & Endurance test are included, such as front wheel holding unit, Driver's Display & Driver's Aid.
- ◆ Application software necessary for Emission test is optional, such as Emission data processing.

Measurement / Control Tower

Flexible Automatic Measuring System-Release 5 (FAMS-R5)

- ◆ Flexibly support's Performance and Endurance test.
- ◆ Control unit and measurement unit can be located separately.
- ◆ Direct sensor input to a measurement unit without convertor.
- ◆ In-house production of model calculation unit allows easy maintenance and constructive system.

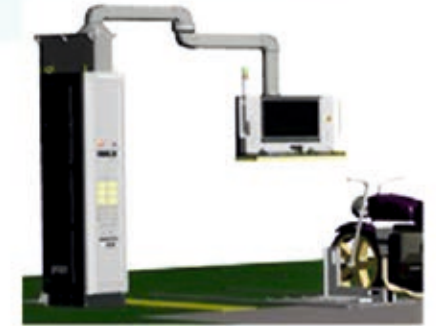


FAMS High-Speed Link

- ◆ By connecting 2.5 Gbps cable, data sharing and synchronism are enabled by using shared-memory.

Drivers Aid & Display

- ◆ Screen switching function: Measurement screen or Driver Aid screen.
- ◆ Support a driver to know various measurement data to check the driving conditions.
- ◆ Driver's Aid support driving operations through displaying target speed patterns and target gear shift timing graphically.



Optional Peripherals:

Engine Cooling Fan

- ◆ Vehicle speed following engine cooling system
- ◆ Application fan type: Axial flow fan.
- ◆ It can adjust setup position depending on wheel base and front wheel holding unit.



Throttle Actuator

- ◆ Throttle Actuator provides automatic remote control of throttle opening and accelerometer pedal for Chassis Dynamo testing on completed vehicles and used in a wide range of application.



Fuel Flow Measurement

- ◆ High precision type Fuel Flow meters support consistently evolving vehicle development and testing.

