

Motorcycle Dynamometer

Millbrook's motorcycle dynamometer can be used for mapping power and torque curves, fuel economy measurement, conducting mileage accumulation tests and fast-tracking powertrain development in a safe, controlled and repeatable environment. It accommodates a range of vehicles from scooters to high performance motorcycles.

Specification

- Maximum power 750HP (560kW)
- Maximum torque 750ftlbs (1015Nm)
- Maximum speed 200mph (322km/h)
- Wheelbase capability (from rear axle to front tire) up to 84 inches (2130mm)
- Eddy current load absorption unit
- Ignition wire inductive tachometer pickup leads
- 2 channels available for automatic conditions measurement (absolute pressure, air temperature, humidity)
- 4 analogue input channels for 0-5V sensors
- Additional data acquisition can be made available extensive range of loggers and sensors
- Additional cooling for long runs

Applications

- Power or torque curves and performance tests
- Motorcycle running in / mileage accumulation
- Repeatable drive cycles for comparisons of fuels and lubricants
- Fuel economy testing and vehicle tuning



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