



Single Roller Dynamometer

Model: MSR 400

for motorcycles with axle loads of up to 1000 kg



Dynamometers,
Diagnostic Units, Emission Testers



- ▶ Measurement of engine power, torque, speed and engine speed
- ▶ Graphical and digital display of wheel power, power loss, engine power and torque
- ▶ Standard power extrapolation
- ▶ Evaluation of performance diagrams via cursor function
- ▶ Comparison measurement in the background is possible
- ▶ Database for performance diagrams and customer data
- ▶ Importing and exporting data
- ▶ Clear A4 printout

Premium Workshop
Equipment

The functional and performance dynamometer leaves no wishes unfulfilled

In addition to conventional performance measurement with detection of engine power, torque, engine speed and velocity, the MSR 400 also provides extensive diagnostic capabilities. The clearly structured display of measured values and practical operation characterize the MSR 400 software.

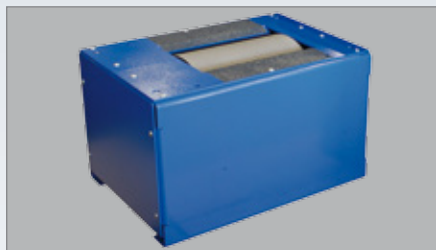
The roller set has a large single roller with a diameter of 400 mm. The rear wheel of the motorcycle runs at the highest point (the apex) of the roller on this type of tester. This means that the running performance of the tire on the roller is very similar to its road performance. This minimizes the load on the tire and ensures good power transfer from tire to roller.

The MSR 400 basic version works on the inertia principle. The power is calculated from the roller mass acceleration. The optional surface-mounted ramp set allows the MSR 400 to be used without the need for pit working in the workshop. The various restraint systems offered by MAHA provide practical ways to secure the motorcycle to the tester. An extension roller set for testing of two-track vehicles (such as quads) is available as an option.

Delivery scope



Communication desk with software



Inertia single roller set



Inertia single roller set with eddy current brake (optional)

Technical Data	
Roller set	Single roller, self-supporting
Axle load	1000 kg
Dimensions of basic roller set (L x W x H)	770 x 546 x 456 mm
Roller length	400 mm
Roller diameter	400 mm
Power, dynamic max.	350 kW
Power, static (eddy current brake)	250 kW
Max. test speed	320 km/h
Weight of roller set	270 kg
Weight with eddy current brake	644 kg
Power supply	230 V / 50 Hz, 16 A

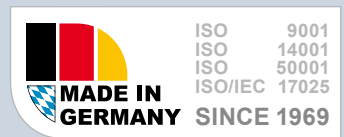
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