



POWERDYNO

FUNCTION AND PERFORMANCE DYNAMOMETER
FOR MOTORCYCLES, CARS AND COMMERCIAL VEHICLES





TEST STAND FUNCTIONS

High level of flexibility in use due to extensive variety of operating modes, covering all fields of application:

- ◆ Static power measurement at constant RPM
- ◆ Static power measurement at constant speed
- ◆ Static power measurement at constant tractive force
- ◆ Dynamic power measurement with adjustable acceleration
- ◆ MAHA towing power measurement guarantees the highest degree of accuracy when measuring power:

Precision calculation of the parasitic losses of the dynamometer, of the vehicle's drive train and the tyre to roller friction and flex losses

- Tachometer testing with up to ten freely selectable test points
- Distance measurement included
- Stopwatch function for measurement of acceleration between optional speed markers as standard
- Optional load simulation with freely programmable load profile
- Optional driving simulation with freely programmable speed profile
- Option of storing programmed profiles in database

SOFTWARE – ANALYSIS

- ◆ Continuous graphic display and recording of up to 16 freely selectable parameters per performance measurement cycle on one measurement screen
- ◆ In addition to the current performance measurement cycle, fade-in of up to three stored cycles on the measurement screen for optimum comparability during calibration work
- ◆ Two circular dial displays for RPM and speed as well as current oil temperature display, ensuring constant control of key parameters during performance measurement
- ◆ Determination of wheel power, power dissipation, engine power and torque
- ◆ Circular dial display of motor power, RPM, speed and tractive force during simulation cycles
- ◆ With radio remote control as standard for complete control of the dynamometer from within the vehicle
- ◆ Cooling fan switched on and off either at the control console or with the radio remote control



EXTERNAL EQUIPMENT/ MEASUREMENT DATA

- ◆ With interface box including stand and long connection cable as standard for optimum placement at the dynamometer with MAHA plug-in CAN-DRZ module card for connecting the RPM sensor and with MAHA plug-in CAN-PTH module card for comprehensive recording of external Ambient data such as air temperature, air pressure, rel. humidity and intake temperature
- ◆ Optional connection of MAHA MGT 5, MDO 2 LON and MET SERIES emission testers



GLOBAL PLAYER



... in more than 150 countries worldwide

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