

Testing Services

Magna in Untergruppenbach offers a state-of-the-art climate chassis dynamometer for function and endurance tests.



Services

- Endurance and function tests
- Load-/acceleration tests
- Calibration under constant conditions (profile, climate, speed, load)
- Range determination/consumption tests of electric vehicles according to customer requirements
- Thermal examinations during various driving maneuvers
- Equipment of the measurement technology, application of axle side shafts
- Automated operation possible with driving robots

Contact: testing-services.Ubach.MPT@magna.com

Chassis Dynamometer Technical Data

- **Manufacture:** AIP, Germany
- **Type:** 48" 2-axis concept
- **Performance:** Front wheel drive 2 x 195 kW
Rear wheel drive 2 x 300 kW
Up to 660 kW in AWD
- **Max. speed:** 250 km/h
- **Wheelbase:** 1800 – 4400 mm
- **Vehicle fixation:** Wheel hub fixing or fixation by tow hook

Climate Chamber Technical Data

- **Tempering:** -30 / +60° C
- **Humidity:** 2,2 – 12,2 g/m³ in the climate range of +10 - +40° C (20% to 90% relative humidity)
- **Air blower:** 0-160 km/h (max. 84000 m³/h)