



## WHEEL ALIGNMENT

# Wheel aligner ML 81 Tech R | for Mercedes-Benz | 433 Mhz

Beissbarth workshop equipment - recommended by Mercedes-Benz | with CCD-Technologie and wireless data transfer (433 Mhz) | with cabinet, HighPerformance PC, 27" monitor and printer | incl. emergency cable set for sensor heads, turntable Precision and toe press bar

Article number: 1 690 500 009

## Description

### Best in class: +/- 2 minute accuracy

- 360° measurement field for permanent self-check and adjustment of system to movement and vibrations
- No calibration to a specific lift allows a measurement on any wheel alignment bay
- Wireless data transfer and integrated battery enable full mobility and allow the use of Windows tablets or laptops
- Intelligent and space-saving charging solution that can be mounted on any wall
- Quality made in Germany

### Sophisticated software for maximum measurement and adjustment efficiency

- Real-time display of measured values combined with vehicle specs
- Visually animated adjustment instructions for third-party vehicles
- Several languages as standard for staff from all over the world
- Toe indicator in full-lock state as well as track- and camber display in raised state for comfortable toe rod adjustment
- ASA network ready
- Live readings without having to lift or move the vehicle (when using Mercedes-Benz quick clamps)
- Romess device ready (cable version)
- Data transmission: 433 Mhz

### Scope of delivery:

- Sensor head with encoder and battery power (433 Mhz frequency)
- Software with quick check for direct reception
- Vehicle specs database with additional Mercedes Benz Professional data
- Cabinet with HighPerformance PC
- 27" monitor
- Printer
- Precision turntables with electronics (for maximum steer) for front axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Emergency cable set for sensor heads
- Mercedes Benz toe press bar

Please note: Mercedes-Benz quick clamps or Multi-Quick clamps with 3-point contact need to be ordered separately

## Technical Data

Operating temperature	5 - 40 °C
Power supply	120 - 220 V   50 - 60 Hz
Data transmission type	- cordless
Measuring system	- CCD
Power	0,5 kW
Frequency	433 MHz
Storage temperature	-20 - 60 °C
Relative humidity, use	(40 °C) 10 - 90 %
Height cabinet	1520 mm
Width cabinet	880 mm

Depth cabinet	770 mm
Weight cabinet	110 kg

## Accessories

1 690 002 015	Vehicle database update Cars & Vans Europe   Key Card
1 690 501 001	Mechanical aluminum turntable Standard
1 690 401 028	Mechanical aluminum turntable Precision
1 690 401 011	Electronic aluminum turntable without connecting cable   Standard
1 690 401 013	Electronic aluminum turntable without connecting cable   Precision
1 690 403 001	Connecting cable for electronic turntables
1 690 702 082	Filling piece for aluminum turntable
1 690 402 001	Protective rubber cover for aluminum turntable
1 690 401 003	Sliding plate for rear axle   short
1 690 401 004	Sliding plate for rear axle   long
1 690 701 052	Drive-on ramps for two aluminum turntables
1 690 401 008	Drive-on ramps for turntables and sliding plates
1 690 311 112	Multi-Fit wheel clamp with standard claws   13 - 22"   4 pcs.
1 690 311 089	Multi-Fit wheel clamp with standard claws   13 - 22"   1pc.
1 690 311 113	Extension set for Multi-fit clamps   23 - 28"
1 690 311 164	Set softline claws for 1 x Multi-fit clamp   Softline rims
1 690 311 115	Set truck claws for 1 x Multi-fit clamp   Truck
1 690 301 002	Central clamp Porsche Carrera GT
1 690 380 002	Central clamp Porsche 911 GT3 and Turbo
1 690 380 010	Self-centering quick clamp for Porsche
1 690 380 161	Self-centering quick clamp for Tesla
1 690 381 299	Self-centering quick clamp for Ferrari
1 690 801 002	Quick clamp Mercedes Benz   OEM
1 690 801 007	Distance bolts for quick clamp Mercedes Benz   100 mm
1 690 401 019	Distance bolts for quick clamp Mercedes Benz and BMW   125 mm
1 690 301 004	Precision spoiler adapter Porsche
1 690 401 005	Spoiler adapter 50 mm
1 690 121 001	Spoiler adapter 100 mm
1 690 311 146	Wallboard for sensor heads
1 690 401 012	Cable set
1 690 401 006	Brake pedal depressor
1 690 401 007	Steering wheel holder
1 693 600 001	Toe press bar for Mercedes Benz
1 690 401 066	Calibration device for CCD
1 693 770 002	Romess inclinometer with standard adapter   230V

1 693 770 003	Romess data transfer and charging unit   230V
1 693 770 160	Replacement standard adapter  for Romess inclinometer
1 693 770 004	Romess adapter set for Vaneo type W414
1 693 770 619	Romess steering wheel level gauge with Bluetooth   230V