

RACESCALES

FOR THE PERFECT WEIGHT-BALANCE

NEW!

Corner weight scales: Optimal adjustment of the chassis in connection with the wheel alignment

The electronic corner weight scales carry out high-precision weight distribution on the vehicle. In connection with the wheel alignment, the chassis can be optimally adjusted. This provides maximum levels of grip and better overall handling of the vehicle.

By the help of the corner weight scales the static weight distribution as well as the center of gravity optimization are integrated into the wheel alignment process. This not only ensures a stable and levelled working surface for optimal measurement results but also allows the immediate re-adjustment of camber, caster, and toe settings after the change in ride height. In motorsports the Beissbarth corner weight scales ensure best race settings of the vehicle for faster lap times.

Digital corner balance scales:

- High precision for best measurement results
- High performance lithium polymer battery, wireless
- Seamless integration in all common wheel alignment lifts
- Compatible with all Beissbarth wheel aligners and third-party systems
- Intuitive software with clear display of measured values
- Always-on-top mini screen with live values of the four wheel weights



Technical data:

Description	Data
Dimensions with handles (L x W x H)	450 mm x 515 mm x 54,5 mm
Dimensions base plate (L x W)	450 mm x 450 mm
Maximum load capacity per turntable	1,000 kg
Breakaway torque	<5 Nm
Frequency	433 MHz (not suited for North/South America or Japan)*
Battery life in full operation	24 h
Measurement accuracy	<0,2% of final value (0 – 1,000 kg measuring range)
Resolution	1 kg
Protection	IP64
Power supply	5 V
Required operating system for PC visualization	Windows 7/8.1/10

Scope of delivery:

Description
2 turntables <i>Precision</i> with load cells and steering sensor (433 MHz)
2 turntables <i>Precision</i> with load cells without steering sensor (433 MHz)
4 turntable covers
4 charging cables (4 m)
2 USB power supply
Radio receiver (433 MHz)
Software and documentation (on USB flash drive)

*Other versions for North and South America (915 MHz) and Japan (920 MHz) available

Software functions for optimal weight distribution:

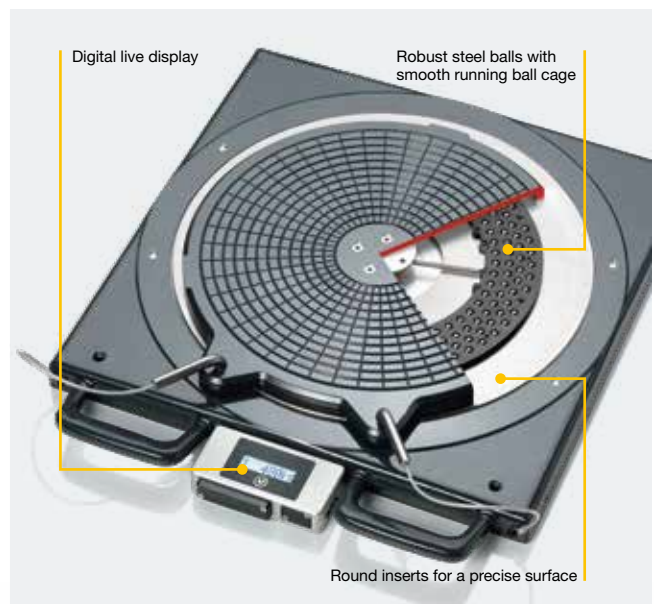
- Weight distribution per wheel
- Weight distribution per axle
- Difference between front and rear
- Weight distribution per side
- Difference between left and right
- Cross Weight
- Cross Weight in %
- Total weight
- Live center of gravity
- Weighing protocol with company and customer information



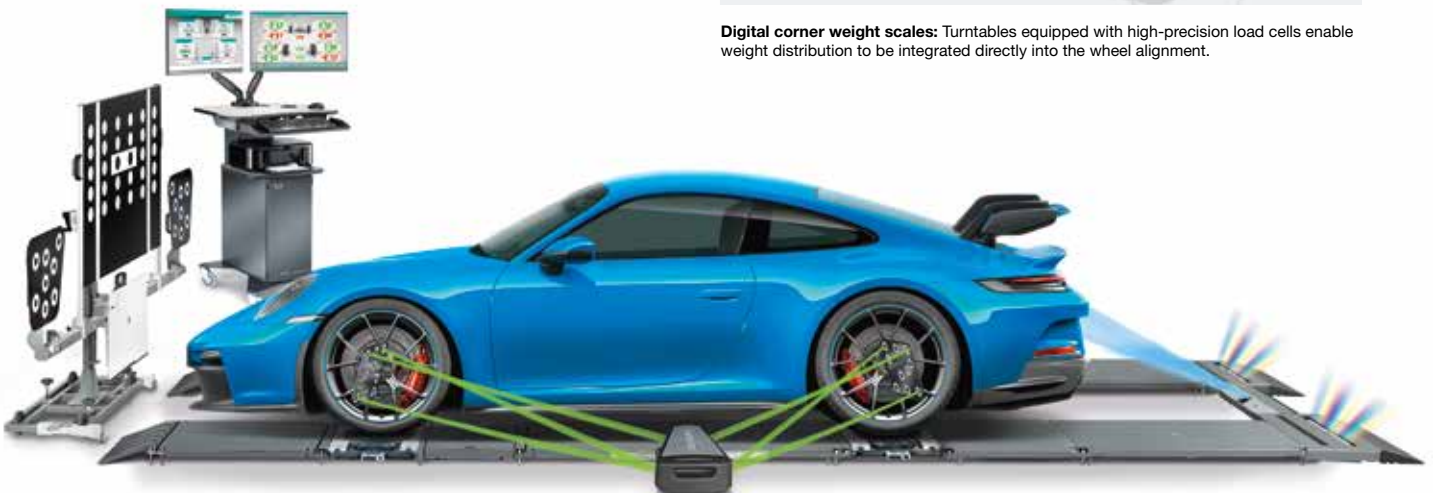
Features wheel alignment turntables:

- With steering sensor for maximum steer measurement with CCD or Touchless wheel aligner
- Very high quality and durability
- Steel balls for reduced friction and higher accuracy
- Compatible with all common wheel alignment lifts
- Seamless integration in wheel alignment lifts without fixed rear sliding base

Order number: 1 690 400 100



Digital corner weight scales: Turntables equipped with high-precision load cells enable weight distribution to be integrated directly into the wheel alignment.



Ensures optimal vehicle handling: the use of Beissbarth corner weight scales on the new Porsche 911 GT3