geodyna®
WHEEL BALANCERS

7300/7500/7600

HOFMANN®

Smart Sonar™

Smart Sonar™

Automatic rim width acquisition via Smart Sonar ™ together with rim diameter and offset measurement via 2D-SAPE make this balancer the ideal solution for high-volume workshops.

Short balancing cycle

Extremely short balancing cycle (start/stop) of 4.5 sec.

easyWEIGHT™

Pinpoint indicator light – an accurate, fast and easy solution to position adhesive weights on the wheel.

easyWEIGHT™

Touch screen

Touch screen monitor with large digits and coloured weight position indicators – improved intuitiveness and ergonomics.

GOLD user interface

This new design of the graphical user interface allows fast and intuitive control of the balancing operation.

Power Clamp™

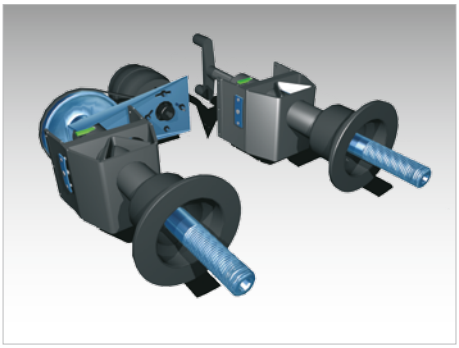
The patented electro-mechanical Power Clamp ™ device clamps the wheel accurately with a constant force, which is most important for every balancing operation.

Power Clamp™

VPM

Measurement technique for uncompromised accuracy.

Touch screen



VPM

Rim lighting

Facilitates rim cleaning and speeds up data entry and weight positioning.

QuickBAL™

Only the number of revolutions actually required to get an accurate imbalance measurement is performed, reducing measurement time by 30 %.

Weight tray

New, ergonomic and attractive.

Stop in position

GEODYNA® 7300S

- LED display and control panel integrated in the weight tray
- Automatic input of rim width via Smart Sonar™
- Semi-automatic input of rim diameter and offset with gauge arm
- easyALU™
- VPM measurement technique
- Constant rotational speed
- Multiple user capability (4 users)
- QuickBAL™ for reduced balancing times
- Split weight mode
- Imbalance minimisation program
- Imbalance optimisation program
- The pedal-operated mechanical lock firmly holds the wheel in every position
- Wheel clamped on the integrated flange by means of a quick nut
- Oversize shaft

- **geodyna® 7300l** with easyWEIGHT™ feature
- **geodyna® 7300p** with easyWEIGHT™, Power Clamp™ device and electro-mechanical lock

Intuitive display

easyALU™

Semi-automatic preselection of balancing mode, ALU-P or steel rim.

GEODYNA® 7500L

- Intuitive display in ergonomic raised position
- easyWEIGHT™
- Semi-automatic input of rim diameter and offset with gauge arm
- Automatic input of rim width via Smart Sonar™
- easyALU™
- VPM measurement technique
- Constant rotational speed
- QuickBAL™ for reduced balancing times
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position
- Multiple user capability (4 users)
- Wheel clamped on the integrated flange by means of a quick nut
- Oversize shaft

- **geodyna® 7500p** with Power Clamp™ device and electro-mechanical lock

Ergonomic display

The raised display increases ergonomic handling.

Gauge arm

The 2D SAPE gauge arm features semi-automatic input of rim diameter and offset and facilitates positioning of adhesive weights.

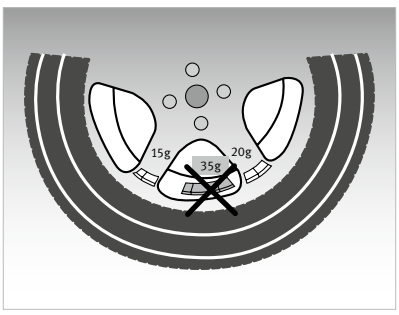
GEODYNA® 7600L

- GOLD graphical user interface with touch screen functions
- easyWEIGHT™
- Semi-automatic input of rim diameter and offset with gauge arm
- Automatic input of rim width via Smart Sonar™
- easyALU™
- Rim lighting
- VPM measurement technique
- Constant rotational speed
- QuickBAL™ for reduced balancing times
- Imbalance minimisation program
- Imbalance optimisation program
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position
- Wheel clamped on the integrated flange by means of a quick nut
- Oversize shaft

- **geodyna® 7600p** with Power Clamp™ device, Stop-in-position feature and electro-mechanical lock

GOLD graphical user interface with touch screen functions

Time-saving and intuitive user interface.



Split weight mode

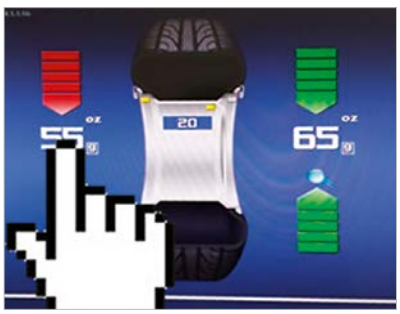
Hides adhesive weights behind two adjacent spokes so they cannot be seen from the outside.

GEODYNA® 7600P

- Combined with the optional wheel lift BW 2010 this wheel balancer with Power Clamp™ device is highly ergonomic.
- While the wheel lift facilitates loading of heavy car wheels, the Power Clamp™ device guarantees absolutely correct centring and clamping of the wheel which is essential for every balancing operation.
- The additional Stop-in-position feature expedites operation even more: the operator only has to touch the amount of unbalance on the screen and the wheel is automatically indexed to correction position.

Centring means

A vast range of centring means helps to achieve most accurate results for the hugh variety of wheels available in the market.



Stop-in-position

Touching the amount of unbalance on the screen automatically gets the wheel indexed to correction position.

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WHEEL BALANCERS

TECHNICAL DATA		GEODYNA® 7300S / 7300L / 7300P	GEODYNA® 7500L / 7500P	GEODYNA® 7600L / 7600P
Vehicles supported		Passenger car / Light truck / SUV / Off-road / motorcycles (needs adaptors)		
Measuring speed	rpm	‹ 200	‹ 200	‹ 200
Balancing accuracy	g	1	1	1
Angular resolution	°	0.7	0.7	0.7
Start/Stop balancing time (wheel 195/65R15)	s	4.5	4.5	4.5
Diameter of shaft	mm	40	40	40
Length of shaft	mm	225	225	225
Wheel lift max. load	kg	70	70	70
Power supply		230 V 1ph 50/60 Hz	230 V 1ph 50/60 Hz	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	mm	1383 x 878 x 1834	1383 x 878 x 1834	1381 x 877 x 1834
Net weight	kg	120	140	130
Semi-automatic data entry (SAPE)				
Rim diameter	inch	8–25	8–25	8–25
Rim width	inch	3–15	3–15	3–15
Manual data entry				
Rim diameter	inch	8–32	8–32	8–32
Offset	inch	1–20	1–20	1–20
Rim width	inch	1–20	1–20	1–20
Maximum wheel dimensions				
Max. wheel diameter	mm	1050	1050	1050
Wheel width range	mm	76–508	76–508	76–508
Max. wheel weight	kg	70	70	70

FEATURES	GEODYNA® 7300S / 7300L / 7300P	GEODYNA® 7500L / 7500P	GEODYNA® 7600L / 7600P
Data entry – Diameter and offset	Semi-automatic, gauge arm	Semi-automatic, gauge arm	Semi-automatic, gauge arm
Data entry – Wheel width	Automatic, non-contact Smart Sonar™	Automatic, non-contact Smart Sonar™	Automatic, non-contact Smart Sonar™
easyWEIGHT™	– / • / •	•	•
Stop in position			– / •
Rim lighting			•
Display type	LED integrated	LED raised	Touch screen monitor
Wheel lift type	Optional BW 2010	Optional BW 2010	Optional BW 2010

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Part of the machines is illustrated with optional extras which are available at extra cost. Technical and visual modifications reserved.

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