geodyna®
WHEEL BALANCERS

7100
7200

HOFMANN®

Smart Sonar™

Smart Sonar™

Automatic rim width acquisition via Smart Sonar™ (geodyna® 7200s only) 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.

Touch panel

Easy to operate with a comfortable touch panel.

Gauge arm

SILVER user interface

This graphical user interface allows fast and intuitive selection of the balancing modes.

Gauge arm

Semi-automatic data entry and positioning of adhesive weights.

VPM

Measurement technique for uncompromised accuracy.

Touch panel

easyALU™

Semi-automatic selection of balancing modes (Alu or steel rim).

Features of the geodyna® 7100

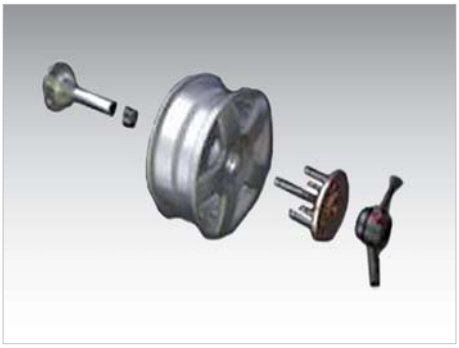
- Intuitive LED display
- Semi-automatic input of rim diameter and offset with gauge arm
- Manual input of rim width
- Imbalance optimisation program
- Imbalance minimisation program
- Constant rotational speed
- QuickBAL™ for reduced cycle time
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position

geodyna® 7100n: without wheel guard
geodyna® 7100m: with motorcycle wheel adaptor instead of quick nut – for balancing of motorcycle wheels

Features of the geodyna® 7200

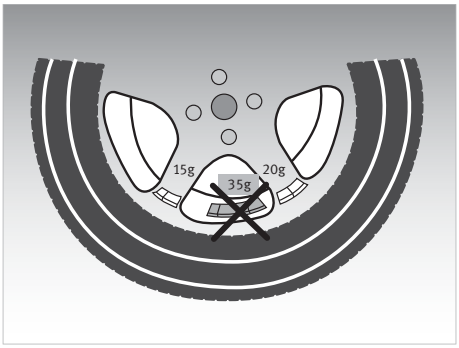
- 19“ TFT monitor with intuitive SILVER user interface
- Semi-automatic input of rim diameter and offset with gauge arm
- Manual input of rim width
- Imbalance optimisation program
- Imbalance minimisation program
- Constant rotational speed
- easyALU™ for semi-automatic selection of balancing modes
- QuickBAL™ for reduced cycle time
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position

geodyna® 7200s: with Smart Sonar™ for automatic and non-contact detection of rim width



Oversize shaft

The shaft of 225 mm allows the use of stud-hole flanges and other accessories for almost every type of rim.



Split weight mode

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

VPM

7100
7200

geodyna®
WHEEL BALANCERS

TECHNICAL DATA		GEODYNA® 7100 / 7100N / 7100M	GEODYNA® 7200 / 7200S
Vehicles supported		Passenger car / Light truck / SUV / Off-road / Motorcycles (needs adaptors)	Passenger car / Light truck / SUV / Off-road / Motorcycles (needs adaptors)
Measuring speed	rpm	‹ 100	‹ 200
Balancing accuracy	g	1	1
Angular resolution	°	0.7	0.7
Start/Stop time (wheel 195/65R15)	s	6	4.5
Semi-automatic data entry (SAPE)			
Rim diameter	inch	8 – 25	8 – 25
Rim width	inch	–	– / 3 – 15
Manual data entry			
Rim diameter	inch	8 – 32	8 – 32
Offset	inch	1 – 20	1 – 20
Rim width	inch	1 – 20	1 – 20
Maximum wheel dimensions			
Max. wheel diameter	mm	960 / 960 / –	1050
Wheel width	mm	76 – 508	76 – 508
Max. wheel weight	kg	70	70
Diameter of shaft	mm	40	40
Length of shaft	mm	225	225
Wheel lift max. load	kg	70	70
Power supply		230 V 1ph 50/60 Hz	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	mm	1100 x 1005 x 1711 / 690 x 450 x 977 / 1100 x 1005 x 1711	1012 x 781 x 1834
Net weight	kg	70 / 60 / 70	82

FEATURES	GEODYNA® 7100 / 7100N / 7100M	GEODYNA® 7200 / 7200S
Vibratory system technology	VPM with integrated flange	VPM with integrated flange
Wheel clamping	Quick nut	Quick nut
Wheel guard	• / – / •	•
Cycle start	Automatic (wheel guard) / Start key / Automatic (wheel guard)	Automatic (wheel guard) / Start key / Automatic (wheel guard)
Wheel braking after measurement	Automatic with current injection	Automatic with current injection
Wheel lift type	Optional BW 2010	Optional BW 2010
Balancing program selection	Manual	Semi-automatic – easyALU™
Smart Sonar™		– / •
Split weight	•	•
Minimisation	•	•
Optimisation	•	•
Main shaft lock	Mechanical	Mechanical
Self-calibration	•	•

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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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