

HIGH-VOLUME WHEEL BALANCERS

geodyna
WHEEL BALANCERS

7600L



HOFMANN 

MAXIMUM SPEED, MAXIMUM RELIABILITY

A video wheel balancer for cars and light trucks, the geodyna™ 7600L features a touchscreen user interface and video display with 2D SAPE data entry and smartSonar for non-contact rim width acquisition, plus the easyWeight pinpoint laser and rim lighting for speed, accuracy and efficiency on every balancing job.



smartSonar

Automatically detects rim width and starts the measuring run as soon as the wheel guard is lowered, with a time savings of 30% compared to manual input and reduced user error.



easyWeight

Pinpoint red laser provides fast, accurate, easy positioning of adhesive weights on the wheel, identifying exact weight placement locations for increased accuracy and productivity.



Split Weight Mode

Allows exact placement of weights behind spokes so they can't be seen from the outside.



User Interface

Graphical user interface employs touchscreen technology and improved ergonomics to allow for fast, intuitive control of every balancing operation.



2D SAPE Data Entry

The 2D SAPE gauge arm enables semi-automatic input of rim diameter and offset.



Stop In Position

Automatically indexes the wheel to the correct position depending on balancing mode once operator selects amount of unbalance. Pedal-operated mechanical lock firmly holds wheel in place.



Space-Saving Wheel Guard

Flat back panel allows for placement directly against a wall, reducing footprint to save space in the shop.



Rim Lighting

High-brightness LED lighting system allows for more accurate acquisition of rim dimensions, facilitates rim cleaning and speeds up both data entry and weight positioning.

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TECHNICAL SPECIFICATIONS

Vehicles supported	Passenger car / light truck / SUV / off-road
Display technology	Touchscreen video display
User interface	Touchscreen user interface
Measuring speed	< 200 RPM
Balancing accuracy	0.035 oz. / 1 g
Angular resolution	0.7 degree
Start/stop balancing time (wheel 195 / 65R15)	6 seconds
Check spin	4.5 seconds
With smartSonar data acquisition	6.5 seconds
Vibratory system technology	VPM with integrated flange
Wheel clamping	Quick nut
Manual data entry	
Rim diameter range	8"–32"
Offset range	1"–20"
Rim width range	1"–20"
Semi-automatic data entry (SAPE)	
Data entry – diameter and offset	Semi-automatic, gauge arm
Data entry – wheel width	Automatic, non-contact smartSonar
Rim diameter range	8"–25"
Rim width range	3"–15"
Range of rim diameters where the smartSonar works	13"–26"
SAPE working range	1.3"–12.9" / 33 mm–328 mm
Weight application	
Clip weights	Manual at 12h
Tape weights	easyWeight at 5h / gauge arm at 12h
Software features	
Cycle start	Automatic, start by closing wheel guard
Balancing program selection	Semi-automatic, easyALU
Spoke position detection	Manual

Software features cont.

Multiple user capability	No
Stop in position	No
Auto stop system (SAPE arm)	No
Rim lighting	Yes
Split weight	Yes
Minimization	Yes
Optimization	Yes
Self-calibration	Yes
Job counter	Yes
Maximum wheel dimensions	
Max. wheel diameter	42"
Wheel width range	3"–20"
Max. wheel weight	154 lbs. / 70 kg
Additional specifications	
Diameter of shaft	40 mm
Length of shaft	8.86" / 225 mm
Balancer flange offset	10.55" / 268 mm
Main shaft lock	Mechanical
Wheel braking after measurement	Automatic
Power requirement	230v – 1 ph – 50/60 Hz – 250W 115v – 1 ph – 50/60 Hz – 250W
Dimensions L x W x H (wheel guard open)	54.6" x 34.5" x 72.2" 1,386 mm x 877 mm x 1,834 mm
Packaging dimensions L x W x H	51.18" x 44.09" x 49.69" 1,300 mm x 1,120 mm x 1,262 mm
INCLUDED ACCESSORIES	
• Spacer ring	• Small cone (42 mm–77 mm)
• Universal drum	• Rim width calipers
• Universal drum cushion	• User calibration weight
• Large cone (96 mm–116 mm)	• Weight pliers
• Medium cone (72 mm–99 mm)	• Kit of 4 pegs to be mounted to the left side
Optional accessories	
Precision clad & flange plate tool kit	
• 9 Collet kit	• CenTor™ plate kit
• Small spacer disk	• Black storage stand

For more information regarding geodyna Wheel Balancers, please visit www.hofmann-usa.com or www.hofmann.ca

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