

GENERAL REPAIR WHEEL BALANCERS

geodyna
WHEEL BALANCERS

7100



HOFMANN 

7100



PRECISION AND ACCURACY IN A SMALL FOOTPRINT

Space-saving usability, with belt-driven one-spin balance, the VPM measuring system, user-friendly 2D SAPE data entry and an intuitive control panel.

TECHNICAL SPECIFICATIONS

Vehicles supported	Passenger car / light truck / SUV / off-road
Display technology	Digital LED display
User interface	Touch panel integrated in the weight tray
Measuring speed	< 100 RPM
Balancing accuracy	0.035 oz. / 1 g
Angular resolution	0.7 degree
Start/stop balancing time (wheel 195 / 65R15)	6 seconds
Vibratory system technology	VPM with integrated flange
Wheel clamping	Quick nut
Wheel guard	Yes
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	Manual
Rim diameter range	8"–25"
Rim width range	Manual
smartSonar	No
easyALU (automatic balancing mode detection)	No
Weight application	
Clip weights	Manual at 12h
Tape weights	Gauge arm at 12h

Software features	
Cycle start	Automatic, start by closing wheel guard
Balancing program selection	Manual
Spoke position detection	Manual
Multiple user capability	No
Stop in position	No
Auto stop system (SAPE arm)	No
Split weight	Yes
Minimization	Yes
Optimization	Yes
Self-calibration	Yes
Job counter	Yes

Maximum wheel dimensions	
Max. wheel diameter	37.8"
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 – 120W 115v – 1 ph – 50/60 Hz – 120W
Dimensions L x W x H (wheel guard open)	43.3" x 39.6" x 67.4" 1,100 mm x 1,005 mm x 1,711 mm
Packaging dimensions L x W x H	37" x 29.9" x 46.5" 940 mm x 760 mm x 1,180 mm

INCLUDED ACCESSORIES

Spacer ring	Rim width calipers
Universal drum	User calibration weight
Universal drum cushion	Weight pliers
4 cone set: 1.6"–3.0", 2.8"–3.9", 3.8"–4.0", 3.4"–5.4"	Kit of 4 pegs to be mounted to the left side
Ziplock ring nut	