

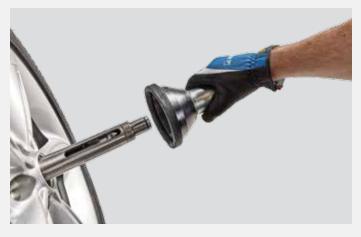




# ADVANCED TECHNOLOGY FOR UNPARALLELED PERFORMANCE

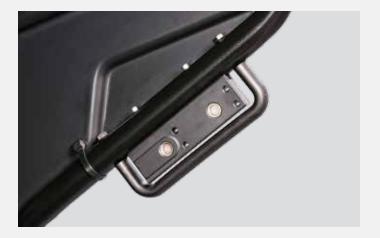
A video wheel balancer for cars and light trucks, the geodyna<sup>™</sup> 7600P features the Power Clamp electromechanical clamping system, a touchscreen user interface and video display. Additionally it has 2D SAPE data entry, smartSonar for non-contact rim width acquisition, the easyWeight pinpoint red laser to aid in weight placement and easyALU for reduced setup time and unparalleled performance on every balancing job.





#### Power Clamp

Patented automatic Power Clamp electromechanically clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.



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.



#### **User Interface**

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



#### 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.



#### **Stop In Position**

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



#### Split Weight Mode

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



### 2D SAPE Data Entry

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



**Space-Saving Wheel Guard** Flat back panel allows for placement directly against a wall, reducing footprint to save space in the shop.





## TECHNICAL SPECIFICATIONS

| Vehicles supported                                | Passenger car / light truck / SUV /<br>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<br>(wheel 195 / 65R15)  | 6 seconds                                       |
| Check spin  | 4.5 seconds                                     |
| With smartSonar data acquisition                  | 6.5 seconds                                     |
| Vibratory system technology                       | VPM with conical flange                         |
| Wheel clamping                                    | Power clamp                                     |
| 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                           | Yes  |
| 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                            | Electromechanical  |
| Wheel braking after measurement            | Automatic  |
| Power requirement                          | 230v – 1 ph – 50/60 Hz – 250W<br>115v – 1 ph – 50/60 Hz – 250W |
| Dimensions L x W x H<br>(wheel guard open) | 54.6" x 34.5" x 72.2"<br>1,386 mm x 877 mm x 1,834 mm          |
| Packaging dimensions L x W x H             | 54.6" x 34.5" x 72.2"<br>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
- · Large cone (96 mm-116 mm)
- Medium cone (72 mm-99 mm)

Precision clad & flange plate tool kit

- 9 collet kit
- · Small spacer disk
- CenTor<sup>™</sup> plate kit

Weight pliers

to the left side

 $\cdot$  Kit of 4 pegs to be mounted

· Black storage stand

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

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