



HIGH VOLUME

## Wheel balancer G.50P

High-volume workshop wheel balancer | pneumatic clamping | automatic data arm | 19" touchscreen | spot laser | wheel guard with sonar for steel and aluminum wheels | auto stop function | One Plane Balancing

Article number: 1 692 501 003

## Description

**Eliminates vibrations day-in day-out: Wheel balancer for intensive use**

### Measurement and balancing

- Balancing in 4.7 seconds
- Automatic stop of the wheel in exact correction position
- LED for better visibility when placing weights
- Internal line laser for precise positioning of weights
- Split program for hiding weights behind different spokes

### Wheel data recognition

- Automatic data arm for measuring distance and diameter and weight placement
- Automatic selection of clip-on and adhesive weight program
- Highest measurement accuracy  $\pm 0.5\text{g}$

### Auto Adaptive Mode

- Dynamic tolerance adjustment based on weight and size
- Minimizes remaining imbalance to eliminate smallest vibrations noticeable by the driver

### Wheel guard with integrated sonar

- Automatic recognition of rim width in steel and aluminium rims
- Without manual input with measuring gauge
- Closing of wheel guard automatically starts balancing program

### 19" touchscreen monitor

- Graphical step-by-step illustrations
- Simplifies correct balancing with guided processes
- Touchscreen suitable with gloves on

### Secure pneumatic clamping

- Pneumatic clamping with 250kg clamping force
- Ensures consistent clamping for all four wheels
- Wheel weights up to 75kg
- Optional with wheel lift

### One Plane Balancing

- Eliminates dynamic imbalance with only one weight instead of two
- Fewer correction positions on the rim
- Less consumption of weights

**Upgrade to Pro version (optional):** Upgradable with sonar for runout measurement and Hubmatch function.

### Scope of delivery

- 4 cones Ø45-111mm
- Pneumatic quick-lock sleeve
- Clamping cap for aluminum rims
- Pressure ring
- Rubber ring

- 60g counterweight
- Weight pliers

## Technical Data

|                          |                                          |
|--------------------------|------------------------------------------|
| Max. wheel diameter      | 44"   1117mm                             |
| Weight                   | 130 kg                                   |
| Shaft diameter           | 40 mm                                    |
| Measuring speed          | 100 rpm                                  |
| Measuring time           | 4,7 s                                    |
| Display                  | 19" Industrial Touchscreen               |
| Max. rim width           | 20 "                                     |
| Max. rim diameter        | 30 "                                     |
| Max. wheel weight        | 75 kg                                    |
| Length                   | 1300 mm                                  |
| Height                   | 1770 mm                                  |
| Power supply             | 230 V   50 - 60 Hz   1 ph                |
| Width                    | 1300 mm                                  |
| Motor power              | 0,15 kW                                  |
| Min. rim diameter        | 10 "                                     |
| Number of cones          | 3                                        |
| Balancing accuracy +/-   | 0,5 g                                    |
| Packaging length         | 1480 mm                                  |
| Packaging width          | 1130 mm                                  |
| Packaging height         | 1165 mm                                  |
| Min. rim width           | 1,5 "                                    |
| Air supply               | 7 - 10 bar                               |
| Thread type              | 40 x 4 TR - Metrisches ISO-Trapezgewinde |
| Wheel data recording     | semi-automatic                           |
| Stackable                | 2 Piece(s)                               |
| Units per 20ft container | 13 Piece(s)                              |
| Units per 40ft container | 30 Piece(s)                              |

## Accessories

|               |                                                                                          |
|---------------|------------------------------------------------------------------------------------------|
| 1 692 502 000 | G.Zero Wheel lift   with memory function                                                 |
| 1 692 502 165 | Eccentricity Diagnostic Upgrade   for G.50 with touch monitor                            |
| 1 692 502 171 | 3 Cones kit   Ø45-110mm                                                                  |
| 1 692 502 038 | 3-arm star adapter SR3   for light trucks   Ø 161 / 170 / 184.15 / 205 / 222.25 / 245 mm |
| 1 692 502 029 | Spacer sleeve   for use with spacer 1692502029                                           |

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| 1 692 502 048 | Distance ring 36mm   in combination with light truck cone<br>1692502047                            |
| 1 692 502 028 | Distance ring 40mm   in combination with light truck cone<br>1692502047                            |
| 1 692 502 031 | Spacer   in combination with light truck cone 1692502047                                           |
| 1 692 502 036 | Spacer for wide rims   for use with spacer sleeve 1692502029                                       |
| 1 692 502 035 | Cone 4WD   Ø 101 - 119 mm                                                                          |
| 1 692 502 049 | Cone   for German OEMs   Ø 56.5 / 57 / 66.5 / 70 - 72.5 mm                                         |
| 1 692 502 032 | Cone   for truck   7.9" / 201 - 8.7" / 221 mm                                                      |
| 1 692 502 047 | Cone   for light trucks and pick-ups   Ø 97 - 180 mm                                               |
| 1 692 502 053 | Cone   for central hole Ø 43 - 69 mm                                                               |
| 1 692 502 030 | Cones kit for Mercedes-Benz                                                                        |
| 1 692 502 043 | Cones kit Ø 45 - 111 mm   6 pcs.                                                                   |
| 1 692 502 027 | Cones and clamping kit Passenger car   Ø 45 - 194 mm                                               |
| 1 692 502 046 | Light truck cone with 36mm distance ring   for light truck wheels with<br>center hole Ø 97-170mm   |
| 1 692 502 073 | Motorcycle and scooter adapter   Ø 15 - 35 mm                                                      |
| 1 692 502 074 | Centering bushes kit 2 x Ø 15 / 16 / 17 / 19.05 / 20 / 22 / 25 / 28 mm<br>  16 pcs.                |
| 1 692 502 172 | Pneumatic clamping kit                                                                             |
| 1 692 502 044 | Large clamping cap   for aluminium rims                                                            |
| 1 692 502 065 | Stud adapter kit 4-hole   Pneumatic   4 x 98 / 100 / 108 / 110 / 114.3<br>/ 120 / 130 mm           |
| 1 692 502 066 | Typenspannflansch 5-hole   Pneumatic   5 x 100 / 108 / 112 / 114.3 /<br>120 / 139.7 / 150 / 160 mm |
| 1 692 502 067 | Stud adapter kit 5-hole   Pneumatic   for Opel   105 / 110 / 115 / 118<br>/ 130 mm                 |
| 1 692 502 068 | Stud adapter kit 5-hole   Pneumatic   5 x 98 / 110 / 118 / 120.65 /<br>127 / 130 / 140 mm          |
| 1 692 502 070 | Universal 3-4-5-6-hole stud adapter   Pneumatic   Ø 75 - 210 mm                                    |
| 1 692 502 063 | Clip-on studs Conical   5 x 68 mm                                                                  |
| 1 692 502 064 | Clip-on studs Conical   5 x 103 mm                                                                 |
| 1 692 502 062 | Clip-on studs Spherical   5 x 123 mm                                                               |
| 1 692 502 037 | Universal 3-4-5-6-hole adapter   Ø 95 - 120 mm                                                     |
| 1 692 502 041 | Centering disc Ø 130 mm   for 3-arm star adapter SR3                                               |
| 1 692 502 039 | Centering disc Ø 142 mm   for 3-arm star adapter SR3                                               |
| 1 692 502 040 | Centering disc Ø 161 mm   for 3-arm star adapter SR3                                               |
| 1 692 502 050 | Centering kit for PSA   5 pcs.                                                                     |
| 1 692 502 051 | Centering kit for Renault   5 pcs.                                                                 |
| 1 692 502 054 | Long stud bolt for Peugeot 406   1 Set = 5 pcs                                                     |