



Ravaglioli

COMPANY WITH QUALITY SYSTEMS
CERTIFIED BY DNV
=ISO 9001/2008=

Wheel Balancers



G

160

140

124HD

117

GTL 4

GTL 2

TouchSpin Technology



SINCE 1958



4-D TOUCHSPIN BALANCER

TOUCHSPIN G6.160H SMART BALANCER



Premium 4-D System with electronic runout measurement meter. The industry's easiest balancer to operate allows complete use of Static, Dynamic, and Special Alloy Modes for Tape Weights without pushing a single button. For the most complicated programs such as hidden weights only one of the four color coded buttons is required. The digital arm delivers a fast and accurate measurement of tire and wheel runout and also automatically enters the width data for the wheel.

- Digital Runout Measurement
- 17" Color Monitor
- DC Drive System
- Industrial PC with Static Hard Drive
- 3-D Graphics

Standard Equipment - 4 cone set with speed nut and cup, width measuring caliper.

THE WORLD'S SIMPLEST BALANCING SYSTEM RAV *TouchSpin Technology*

Only five color coded buttons operate the entire system



GAR216 Digital Arm

Most Balancing Procedures Can Be Accomplished Without Use of the Keypad. Simply enter wheel data with automatic arms and lower the hood. The RAV System selects the balancing mode you desire and starts the spin cycle. System stops the wheel automatically in the correct position for weight placement.

- NO OPERATOR'S MANUAL NECESSARY FOR COMPLEX BALANCING PROCEDURES.
- AUTOMATIC GAUGES TAKE THE PLACE OF COMPLICATED KEYPAD INTERACTION.

RUN-OUT METER - GAR216 (OPTION → G6.160)

Tyre run-out	Rim run-out	Graphic comparison	Run-out correction

MULTI-FUNCTION MEASURING ARM
 Function 1- digital measurement of wheel width.
 Function 2- guided procedure to measure and correct wheel run-out:

- wheel run-out measurement
- rim run-out measurement on both sides
- instructions for run-out correction

G6.160H Automatic Operation



One push of the green key and wheel advances and automatically stops in the internal balance position.

3-D OR 4-D TOUCHSPIN BALANCER



TOUCHSPIN G3.140 BALANCER

Premium 3-D System with affordable 4-D Upgrade option. Precise and fast with average 6 second cycle times, this durable DC driven workhorse may be the most perfect balancer ever for the busy workshop. Standard with 4 cones and speed nut and GAR213 automatic width data entry arm. Can be upgraded now or in the future by adding the RAV Sonar Runout Measurement and our Bluetooth printer interface kit.

THE WORLD'S SIMPLEST BALANCING SYSTEM RAV *TouchSpin Technology*

Only five color coded buttons operate the entire system

Most Balancing Procedures Can Be Accomplished Without Use of the Keypad. Simply enter wheel data with automatic arms and lower the hood. The RAV System selects the balancing mode you desire and starts the spin cycle. System stops the wheel automatically in the correct position for weight placement.

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- AUTOMATIC GAUGES TAKE THE PLACE OF COMPLICATED KEYPAD INTERACTION.

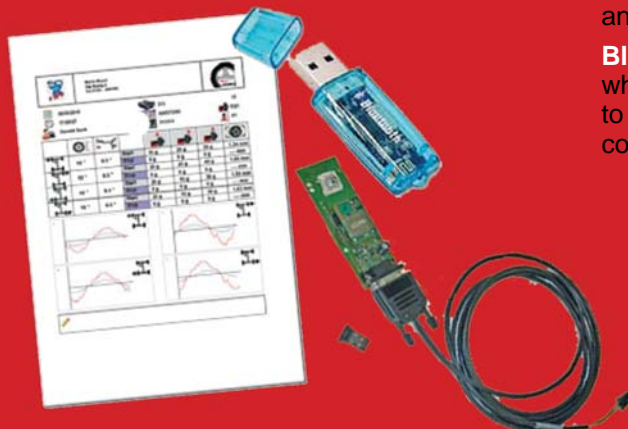


Standard Equipment - 4 cone set with speed nut and cup, width measuring caliper, GAR 213 auto width data arm.

Upgrade System With Sonar Runout Measurement and Bluetooth Printer Interface kit.

Sonar Measurement Device - measures the eccentricity of the tire and allows for fast and easy optimizing of the tire and wheel.

Bluetooth Wireless Printer Interface Kit - transfer data from the wheel balancer to your office PC. This allows reports and graphics to be printed by your office printer showing balance and eccentricity conditions of the tire and wheel.



GAR 214 - SONAR RUN OUT



GAR 213 - 3D SENSOR



ELECTRONIC WHEEL BALANCER WITH MICROPROCESSOR

Digital Balancer



GP3.124HD
Version with air locking.

DIGITAL BALANCER G3.124HD

2-D Model Easily Upgradeable to 3-D

- Professional machine, which offers all the features requested by the most demanding operators.
- Maximum precision granted by the automatic measurement of distance and diameter and by the automatic ALU S and PAX programmes.
- Quick balancing process thanks to the automatic start when the cover is lowered and automatic stop of the wheel in the external unbalanced position.
- Easy operation thanks to interactive inputs, which guide the operator during all the phases of the balancing process.

Caliper for automatic distance and diameter measurement.
Automatic ALU S programme.

AUTOMATIC DISTANCE + DIAMETER MEASUREMENT



TECHNICAL DATA	
Rim diameter	10" - 26"
Rim width	1.5" - 22"
Max wheel weight	154 lb..
Read-out accuracy	1 g / 0,04 oz.
Cycle time	6 s.
Rotation speed (rpm)	< 100
Power supply	230V / 50-60/1ph

STANDARD

OPTION GAR 213 + 3 DIMENSIONS

BIKE MODE

1

2 MULTI OPERATOR

12 PROGRAMS

ECO-WEIGHT

3

MATCHING SPLIT

- 1 Large size digital display.
- 2 1 gram exact unbalance.
- 3 Hidden weight.



STANDARD BALANCERS



G2.117 STANDARD BALANCER

High performance and LCD display at a very affordable price. Like all RAV premium balancers this machine is DC driven with precise results available in a 6 second cycle time. E-Z balancer software includes all standard programs plus special programs for tape weights. Standard with protective hood, 4 cone adapter set, and speed nut kit.

- 6 second cycle time!
- DC DRIVE!

6 Second Cycle Time!



TECHNICAL DATA	
Rim diameter	10" - 30"
Rim width	1.5" - 22"
Max wheel weight	150 lbs.
Read-out accuracy	1 g
Cycle time	6 seconds
Rotation speed (rpm)	< 100
Power supply	110-230V / 50-60/1ph

STANDARD

	<p>GAR 111 (Ø 44-104 mm)</p>	<p>GAR 105 (G1.111H)</p>	<p>GAR 102 (G2.116H - G2.117H)</p>



VIDEO TRUCK BALANCER

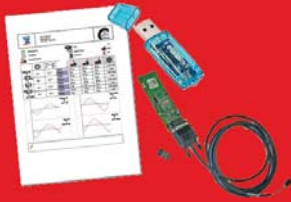
GTL4.140 VIDEO TRUCK BALANCER

Powerful and rugged enough for the heaviest commercial wheels ... accurate enough for the famous race cars of Italy. The versatility of this machine is unsurpassed within our industry. Can be accessorized for complete automotive, light truck and medium duty truck applications. Software is displayed on full color 17" LCD making easy operation out of even complicated balancing procedures.

- Powerful DC drive system
- Full range of truck and automotive software
- Auto distance and diameter input
- Automatic stop at 12'o'clock for correct weight placement
- Extremely fast cycle times
- Accurate on any wheel to within one gram
- Pneumatic lift and machine are rated to handle 440 lb. assemblies
- Optional car and light truck adaptors available
- Calibration fixture included



Upgrade System With Sonar Runout Measurement and Bluetooth Printer Interface kit.



GAR 214 - SONAR RUN OUT



GAR 213 - 3D SENSOR

Sonar Measurement Device - measures the eccentricity of the tire and allows for fast and easy optimizing of the tire and wheel.

Bluetooth Wireless Printer Interface Kit - transfer data from the wheel balancer to your office PC. This allows reports and graphics to be printed by your office printer showing balance and eccentricity conditions of the tire and wheel.



GAR 122 - GAR 103
GAR114 (Ø 202-221,281)
(GTL2.120HC - GTL4.128HC
GTL4.140HC)



Calibration kit

Standard Equipment

- Width measuring caliper
- Weight hammer

GTL4.140H Automatic Operation



One push of the green key and wheel advances and automatically stops in the internal balance position.

STANDARD TRUCK BALANCER



TOUCHSPIN GTL2.120 TRUCK-CAR LT. TRUCK BALANCER

Rugged, dependable and accurate system in a lower cost machine. LCD display allows easy use of all functions including tape weight programs. Same 440 lb. rated pneumatic lift and accessory set. Precisely accurate for cars and light truck wheels simply add additional adaptors. A precise and dependable workhorse for the fleet or tire shop.

- DC Drive System
- Standard software
- Manual data entry
- LCD Display
- Fast Cycle Times
- Accuracy to within one gram
- Optional car and light truck adapters
- Calibration fixture included



GAR 122 - GAR 103
GAR114 (Ø 202-221;281)
(GTL2.120HC - GTL4.128HC
GTL4.140HC)

Standard Equipment

- Width measuring caliper
- Weight hammer
- Calibration Kit



Calibration kit



BALANCER ACCESSORIES

AUTOMOTIVE BALANCER ACCESSORIES



Plastic Caliper & Pliers



Calibration kit



GAR 102
Quick clamp for cars

U.S. FLANGE PLATE KIT
Item number - 40mm = 200 249 409

Flange plate A 4-lug and 8-lug plate
Flange plate B 5-lug plate
Flange plate C 5-lug plate
Flange plate D 6-lug plate

8 x Stud II 24.5 mm Head diameter, 80 mm long
5 x Stud III 24.5 mm Head diameter, 90 mm long (Ball seat)
8 x Stud V 22.5 mm Head diameter, 100 mm long

Trolley Included



GAR218 Auxiliary Pneumatic Lift



GAR 124 Light Truck
Cone & Spacer Kit



GAR 111
(0 1.73"-4.09")
Car



GAR112
(0 3.74"-4.88")
Off-road vehicles

TRUCK BALANCER ACCESSORIES



Plastic Caliper & Pliers



Calibration kit



GAR 122 - GAR 173 - GAR 103
GAR 171 (6.69"-7.32"-8.07"-8.74"-9.65")
GAR 172 (10.83"-11.22")
GAR 173 (8.86"-11.26"-13.19")



GAR 124
Spacer for GAR122
truck adapter

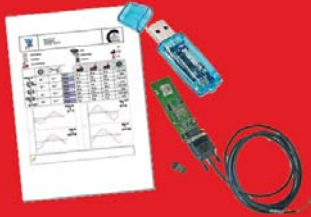


GAR 163 - GAR 103
GAR 161 22,5"-18" FISCHER (Europe)
GAR 162 20"-28" DAYTON (USA)
GAR 163 24"-28" DAYTON (USA)

GAR 122 - GAR103
GAR 114

For Both Automotive and Truck Balancers

Upgrade System With Sonar Runout Measurement and Bluetooth Printer Interface kit.



GAR 214 - SONAR RUN OUT

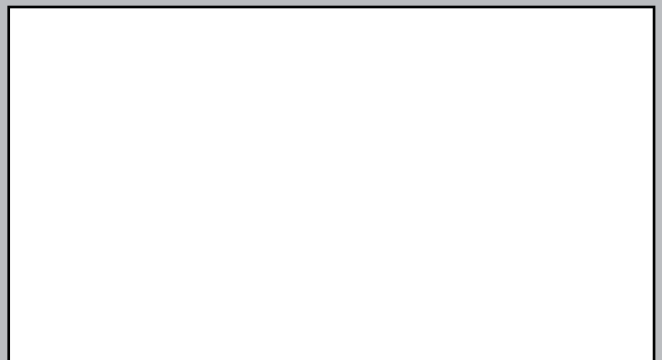


GAR 213 - 3D SENSOR

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