

Rotary®



WHEEL BALANCERS

ROTARY WHEEL SERVICE EQUIPMENT



www.rotarywheelservice.com

R180 PRO 3D AUTO TECHNOLOGY

ELECTRONIC BALANCER with MICROPROCESSOR

**EQUIPPED WITH AUTO WHEEL DIMENSION
SONAR and LASER RIM SCANNER**

PERFECT BALANCING WITH MAXIMUM SPEED AND PRECISION

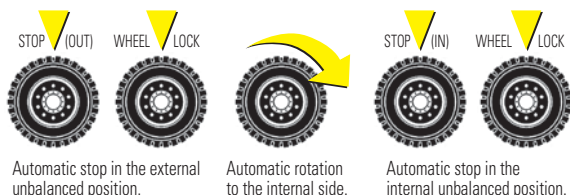
AUTOMATIC BALANCING MODE

The R180 saves time and material cost.

Faster efficient balancing reduces wheel weight consumption while reducing spins and repositioning time lost. Interactive screen output identifies hidden weight location position, provides detailed analysis for precision weight placement.

AUTOMATIC LOCK IN POSITION

Automatic start when the cover is lowered.



Automatic stop in the external unbalanced position.

Automatic rotation to the internal side.

Automatic stop in the internal unbalanced position.

AUTOMODE

After lowering the hood the sonar automatically detects wheel dimension.

- The laser scans rim profile
- Balancing program is auto selected
- Adhesive weights are positioned and memorized
- Wheel spoke quantities are checked and position for proper location of hidden weights is located
- Easily switch readout from ounces to grams

PROGRAM FEATURES



MONITOR KEYBOARD

Linked directly to a standard monitor, this durable touch-pad allows for a "gloved" input with the convenience of a touch screen monitor.

GUIDED BALANCING PROCEDURE

The functions related to each key vary according to use and are identified by icons on the display for easier understanding. Residual static readings are displayed throughout service functions.

SPOKE

Hidden weight program



SPLIT PROGRAM



ALU-S

3 automatic ALU S programs



STANDARD ACCESSORIES

OPTIONAL ACCESSORIES SEE PAGE 5

HW150400132 / 2.07" - 4.35" (52.5-110.7mm)

Seven-piece Pro Collet Kit 40mm

- Clad Wheel Problem Solver
- Static Imbalance Solution
- Lower Taper = Better Mounting
- No Wheel Hub Interference



**GAR 112
Light truck cone**
3.75" - 5" (95-124 mm)



**GAR 345
Large quick nut
replacement lock**



Caliper and Pliers

QUICK LOCK



LASER WHEEL SCANNER

The laser pointer indicates the exact positioning for weights



**SCAN CODE FOR
PRODUCT VIDEO**



Wheel diameter: 10" - 30"

Tire width: 1.5" - 22"

Maximum tire diameter: 44"

R180 PRO 3D AUTO services:



Optional equipment may be required

DIMENSIONS:

HEIGHT: 57.125" / 66.5" with hood up

WIDTH: 53.625"

DEPTH: 30.375" / 35.625" with hood up

TECHNICAL DATA	R180
Max. assembly weight	176 lbs. (80kg)
Read out accuracy	1 g
Cycle time	6 seconds
Rotation speed (rpm)	<100
Power supply	110v / 60 Hz / 1Ø

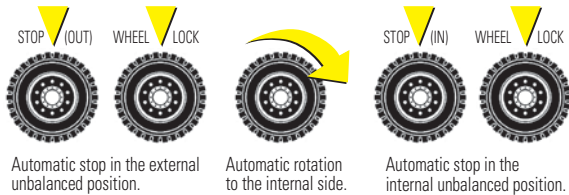
R155 PRO 3D AUTO TECHNOLOGY

ELECTRONIC BALANCER with MICROPROCESSOR

ALL THE FEATURES FOR THE MOST DEMANDING PROFESSIONALS

AUTOMATIC LOCK IN POSITION

Automatic start when the cover is lowered.



EASY OPERATION

Interactive inputs guide tech during all phases of the balancing process.



Automatic storage of distance and diameter.



Automatic programs.

INTERNAL DATA ARM



Quick selection and rim run-out measurement with internal data gauge.



DOUBLE LED



LASER BLADE

The laser pointer indicates the exact positioning for weights

LINKED KEYBOARD



MONITOR KEYBOARD

Linked directly to a standard monitor, this durable touch-pad allows for a "gloved" input with the convenience of a touch screen monitor.



QUICK LOCK



WIDTH GAUGE

3D wheel tire sensor caliper for automatic measure of rim width



Wheel diameter: 10" - 30"

Tire width: 1.5" - 22"

Maximum tire diameter: 44"

R155 PRO 3D services:



Optional equipment may be required

DIMENSIONS:

HEIGHT: 57.625" / 66.5" with hood up
WIDTH: 50.25"
DEPTH: 37.75"

TECHNICAL DATA	R155
Max. assembly weight	154 lbs. (70kg)
Read out accuracy	1 g
Cycle time	6 seconds
Rotation speed (rpm)	<100
Power supply	110v / 60 Hz / 10



SCAN CODE FOR PRODUCT VIDEO

STANDARD ACCESSORIES OPTIONAL ACCESSORIES SEE PAGE 5



HW150400132 / 2.07"- 4.35" (52.5-110.7mm)

Seven-piece Pro Collet Kit 40mm

- Clad Wheel Problem Solver
- Static Imbalance Solution
- Lower Taper For Better Mounting
- No Wheel Hub Interference



Caliper and Pliers



GAR 345

Large quick nut replacement lock



GAR 112

Light truck cone
3.75"- 5" (95-124 mm)

R148PRO^{2D} TECHNOLOGY

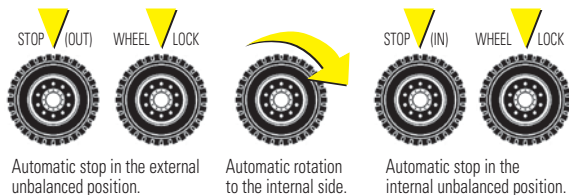
ELECTRONIC BALANCER with MICROPROCESSOR

EQUIPPED WITH AUTO WHEEL DIMENSION CALIPER

PERFECT BALANCING WITH AUTOMATIC MEASUREMENT OF WHEEL DISTANCE AND DIAMETER.

AUTOMATIC LOCK IN POSITION

Automatic start when the cover is lowered.



AUTOMATIC DISTANCE + DIAMETER MEASUREMENT

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



LARGE DIGITAL DISPLAYS

12 PROGRAM FEATURES
FOR CAR, LIGHT TRUCK
AND MOTORCYCLE WHEELS



Wheel diameter: 10" - 30"

Tire width: 1.5" - 22"

Maximum tire diameter: 44"

R148 PRO 2D services:



Optional equipment may be required

DIMENSIONS:

HEIGHT: 52" / 66.5" with hood up
WIDTH: 46.625"
DEPTH: 37"

STANDARD ACCESSORIES OPTIONAL ACCESSORIES SEE NEXT PAGE



HW150400132 / 2.07" - 4.35" (52.5-110.7mm)

Seven-piece Pro Collet Kit 40mm

- Clad Wheel Problem Solver
- Static Imbalance Solution
- Lower Taper For Better Mounting
- No Wheel Hub Interference



Caliper and Pliers



**GAR 112
Light truck cone**
3.75" - 5" (95-124 mm)



**GAR 345
Large quick nut
replacement lock**

TECHNICAL DATA	R148
Max. assembly weight	154 lbs. (70kg)
Read out accuracy	1 g
Cycle time	6 seconds
Rotation speed (rpm)	<100
Power supply	110v / 60 Hz / 10

R138SHOP

2D LOW ROTATION SPEED

FIRST LEVEL COMPUTERIZED BALANCER

Motorized balancer at a great value compliments any shop.

Its small footprint and lower rotational speed offers features even the most demanding operator will appreciate. A heavy-duty 40mm shaft, large 10.5" offset for deep rims, easy to read display and standard accessories completes this great package.

PROGRAM FEATURES



AUTO STOP ON TOP AUTO LOCK

Automatic start when the cover is lowered and automatic stop of the wheel in the external unbalanced position.



CALIPER FOR AUTOMATIC DISTANCE + DIAMETER MEASUREMENT

Automatic ALU S program



Includes HIDDEN
WEIGHT program

STANDARD ACCESSORIES



GAR 111
Passenger tire cone kit
1.75" - 4" (44-104 mm)



GAR 112
Light truck cone
3.75" - 5" (95-124 mm)



GAR 101
Quick nut
replacement lock

Caliper
and Pliers



Wheel diameter: 10" - 26"

Tire width: 1.5" - 22"

Maximum tire diameter: 35.4"

R138 SHOP 2D services:



Optional equipment may be required

DIMENSIONS:

HEIGHT: 46.5" / 62.875" with hood up
WIDTH: 39.5"
DEPTH: 29.125"

TECHNICAL DATA	R138
Maximum assembly weight	143 lbs. (65kg)
Read out accuracy	1 g
Cycle time	6 seconds
Rotation speed (rpm)	<100
Power supply	110v / 60 Hz / 1Ø

OPTIONAL ACCESSORIES / R180 / R155 / 148 / 138 BALANCERS



GAR113
Light truck cone
4.65" - 6.8" (118-174mm)
Vans and light trucks



SHOWN: HW210400002
Series IV Quick Plate Kit 40mm

HW200299409
North American Flange Plate Kit 40mm



GAR124 Spacer for all balancers
May be used with GAR112 and
the #8, 9, 10 & 11 collets

HW150400110 2.07" - 4.76" (52.5mm-122mm) Nine-piece Pro Collet Kit 40mm

- Clad Wheel Problem Solver
- Static Imbalance Solution
- Lower Taper For Better Mounting Surface with No Wheel Hub Interference
- Includes collets #1 thru #9



GAR324 Wheel lift with automatic
compensation of wheel weight
Memorizes wheel weight - when the
wheel is removed from the balancer,
there are no forces on balancer shaft.

R544 PLUS TRUCK 3D

VERSATILE COMMERCIAL TRUCK BALANCER

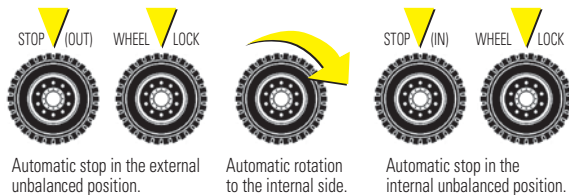
Fast and accurate balancing of commercial, passenger vehicle and motorcycle wheels.

MICROPROCESSOR CONTROLLED with PROGRAMS FOR SELF-CALIBRATION and DIAGNOSTICS

One single low rotation spin provides a readout of out of balance values and gives the related position on the wheel. Operator enters the wheel diameter and width automatically with the gauge.

AUTOMATIC LOCK IN POSITION

Automatic start when the cover is lowered.



3D AUTOMATIC DATA INPUT



Digital caliper with optical sensor, and alloy shaft sliding bushes.

Auto storage of distance and diameter up to 26"



Integrated LED lights and laser

GAR 266T WIDTH SENSOR

3D wheel tire sensor caliper for automatic measure of rim width



19" COLOR MONITOR AND KEYPAD



GAR266T width sensor arm

STANDARD AIR TIRE LIFT
441 Lbs. capacity

AIR LOCK
Pneumatic locking of the wheel.



AIR BRAKE

An electro-pneumatic brake keeps the wheel in the unbalance position.



Pneumatic air lock nut on wheel shaft comes standard.



GAR 351
Standard air lock nut



SCAN CODE FOR PRODUCT VIDEO



STANDARD CALIBRATION KIT

Width Calipers
Weight Pliers
Calibration Weight



Wheel diameter: 10" - 30"

Tire width: 1.5" - 22"

Maximum tire diameter: 51"

R544 PLUS services:



Optional equipment may be required

DIMENSIONS:

HEIGHT: 58.375" / 73.875" with hood up
WIDTH: 78.625"
DEPTH: 35" / 44.25" with hood up

TECHNICAL DATA	R544
Maximum assembly weight	441 lbs. (200kg)
Read out accuracy	10 g 1 g
Rotation speed (rpm)	100 80
Power supply	110v / 60 Hz / 10

STANDARD ACCESSORIES



GAR 111
Passenger tire cone kit
1.75"-4"
(44-104 mm)



GAR 112
Light truck cone
3.75"-5"
(95-124 mm)



GAR 113
Light truck cone
4.65"-6.8"
(118-174 mm)



GAR 122
Truck spacer

GAR124 Spacer

May be used with GAR112 and the #8,9,10,11 collets

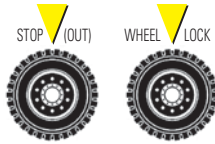
GAR 114 202/221/281
2 Cones for trucks
7.9" - 8.7" - 11"

R540RLTD TRUCK 2D

2D TECHNOLOGY ELECTRONIC BALANCER with MICROPROCESSOR

AUTO STOP ON TOP / AUTO LOCK

Automatic stop of the wheel in the external unbalanced position.



LARGE DIGITAL DISPLAY
Integrated keyboard

AUTOMATIC BALANCING MODE

Versatile machine designed for easy, fast and accurate balancing of motorcycle, car and commercial wheels.

Microprocessor controlled with self-calibration and self-diagnostics.

Specific balancing programs for static, dynamic and ALU wheels. One single spin with low rotation speed provides all the values. Readout of out of balance values and the related position on the wheel. Wheel diameter and width in inches or millimeters. Unbalance readout in grams or ounces.



**STANDARD
AIR TIRE LIFT**
441 Lbs. capacity

STANDARD ACCESSORIES



GAR 111
Passenger tire cone kit
1.75" - 4" (44-104 mm)



CALIBRATION KIT



GAR 344
Quick lock

AIR BRAKE
An electro-pneumatic brake keeps the wheel in the unbalance position.



Wheel diameter: 10" - 30"
Tire width: 1.5" - 22"
Maximum tire diameter: 51"

R540 RLTD services:



Optional equipment may be required

DIMENSIONS:
HEIGHT: 40"
WIDTH: 69.5"
DEPTH: 26.25"



GAR 112
Light truck cone
3.75" - 5"
(95-124 mm)



GAR 113
Light truck cone
4.65" - 6.8"
(118-174 mm)



GAR 122
Truck spacer

GAR124

Spacer
May be used with GAR112 and the #8,9,10,11 collets



GAR 114 202/221/281
2 Cones for trucks
7.9" - 8.7" - 11"

TECHNICAL DATA	R540
Maximum assembly weight	441 lbs. (200kg)
Read out accuracy	10 g 1 g
Rotation speed (rpm)	100 80
Power supply	110v / 60 Hz / 1Ø

OPTIONAL ACCESSORIES / R544 PLUS / R540 RLTD

CAMION / TRUCK / LKW APPLICATION

GAR 171 three finger adapter
(3X170, 186, 205, 222, 245)

GAR 172 four finger adapter
(4X275, 285) 202-221-281

GAR 173 five finger adapter
(5X225, 286, 335)



**SHOWN:
GAR 172**
Four finger adapter



HW700E400020
Truck centering disc
Fits 219.9mm / 8.65" and 220.8mm / 8.69"
Requires GAR173 and/or GAR172 for use



GAR 266T
WIDTH SENSOR
3D wheel tire sensor caliper for automatic measure of rim width

Standard with R544 PLUS balancer
Can be added to older R544 Series models
NOT available for R540 balancer



**TIRE
CHANGERS**



**WHEEL
BALANCERS**



**ALIGNMENT
RUNWAY LIFTS**



**ALIGNMENT
SYSTEMS**



Rotary's line of premium equipment is manufactured to the highest standards of quality and durability to help you perform the job right the first time, every time.

Offer your customers top quality tire and wheel service by putting Rotary to work for you.

Rotary Wheel Service Equipment

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All Rotary Wheel Service Equipment carries an industry-leading 3 year warranty.

See website for details.