



Onboard Load Scales



Providing innovative weight management solutions that improve the safety, productivity and profitability for professional truck drivers and transport companies for over 20 years.

Why Right Weigh?

Right Weigh's load scales are designed and engineered by an experienced team with first-hand industry knowledge so our customers can work efficiently and lawfully. Right Weigh is committed to providing affordable, reliable load scales and excellent customer service. Whether you are an owner/operator, fleet owner or OEM, Right Weigh load scales can save you time, save you money and support your safety efforts.



Save Time

No more detours to commercial ground scales. The days of waiting in line to rework and weigh your loads are over.



Economic Choice

Our scales meet customer needs at a fraction of the cost of other onboard load scale systems.



Improve Safety

Remove the guess work out of driving and maintaining legal weights.



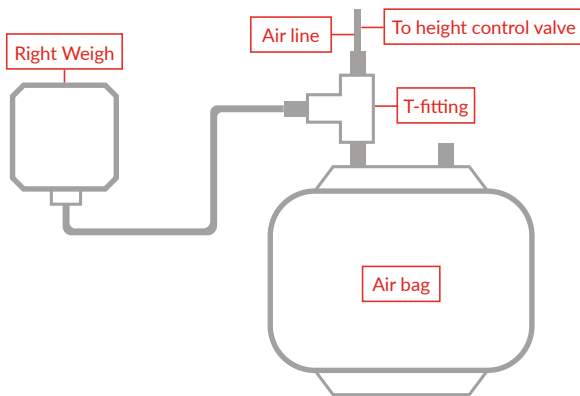
Keep it Simple

Installation of Right Weigh load scales is a simple three-step process and calibration is quick and easy.



How it Works

Air Suspension



Exterior

1. Install T-fitting
2. Connect new air line to scale
3. Mount scale
4. Connect power/ground (digital scales only)

Using a basic T-fitting and an extra air line, our scales monitor the fluctuation in air pressure of the air suspension system to display on-the-ground weight. The picture to the left illustrates our scale installed on an air suspension system with an axle group that is monitored by one height control valve. For axle groups that are monitored by two height control valves, two air lines are needed to install the scale. For detailed installation and calibration instructions, please visit our website: www.rwls.com.

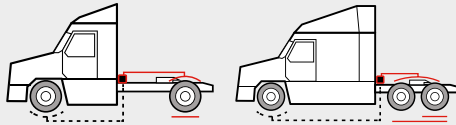
Exterior Digital Gauges

201 Series

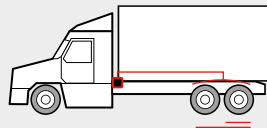


Common Configurations

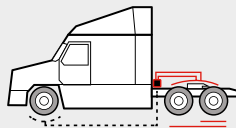
Drive weight plus estimated steer value for tractors



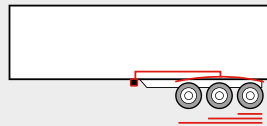
Drive weight only for straight trucks



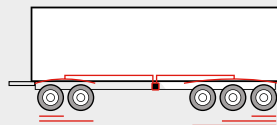
Axle groups with 2 height control valves require 2 air sensors



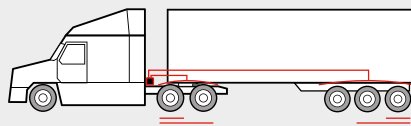
One group of 1, 2, or 3 axles



Two groups of 1, 2, or 3 axles



Dedicated tractor/trailer sets (no drop & hook)
One height control valve per axle group



Right Weigh's exterior digital gauges work on most tractor and trailer air suspension axle configurations. These scales can have one or two air inputs. The dual air input scale can be used to monitor a single axle group with two height control valves or it can be used to monitor two separate axle groups on the same vehicle. RS-232 output included. Backed by a 3-year warranty.

Features

- » On-the-ground axle group weight displayed in pounds or kilograms on an easy to read digital display
- » Bluetooth enabled to view weights on smartphone via free Right Weigh app
- » Estimated steer calculated from the drive axle group
- » Up to four sets of calibration data can be stored for axle groups that have multiple operating configurations
- » Programmable 5-digit PIN code, and visual overweight warning

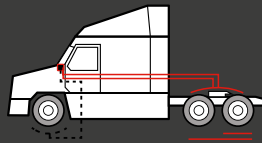
Ask us about economical fleet solutions with the 201-RTS system for Drop & Hook, and the RTSK-01 remote trailer sensor. Compatible with air suspensions controlled by one height control valve.

Interior Digital Gauges

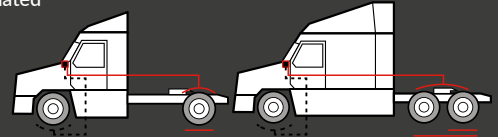
202 Series

Common Configurations

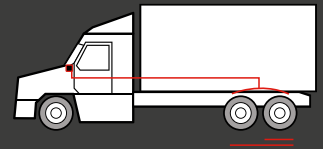
Axle groups with 2 height control valves require 2 air sensors



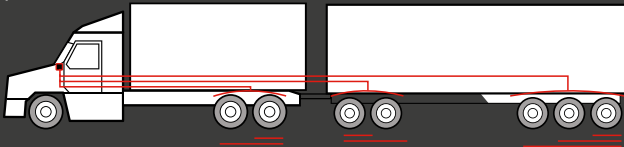
Drive weight plus estimated steer value for tractor



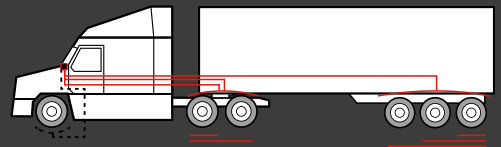
Drive weight only for straight trucks



Dedicated truck and trailer sets (no drops & hook)



Dedicated tractor and trailer sets (no drops & hook)



Right Weigh's interior digital gauges are our most versatile product. This gauge is available with up to four air inputs that can monitor up to four separate axle groups or a combination of axle groups where some axle groups are monitored by two height control valves. With just one scale mounted in the cab, you can monitor several axle group combinations on almost any dedicated truck and trailer set by using an air line quick disconnect between each vehicle. Backed by a 3-year warranty.

Features

- » On-the-ground axle group weight displayed in pounds or kilograms on a touchscreen LCD
- » Estimated steer weight available when installed on a drive axle group
- » Calibration can be PIN code protected
- » Mounts in the cab, in-dash: fits in standard 2 1/4" round gauge cutout
- » Simple two-point (empty & loaded) calibration process



Exterior Analog Gauges

310/250 Series



Right Weigh's exterior analog gauges are easy to install and calibrate, and can be mounted on either a truck or trailer.

The 310 series, the larger 3½ inch gauge, comes mounted in a custom weather resistant enclosure with a push-pull valve to bleed the pressure out of the gauge when it is not in use.

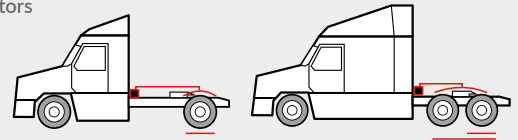
The 250 series, the smaller 2½ inch liquid filled gauge, contains silicone that prevents corrosion and absorbs vibration and pressure spikes, even in extreme weather conditions. Choose between two different mounting styles, front flange or lower mount. Backed by a 3-year warranty.

Features

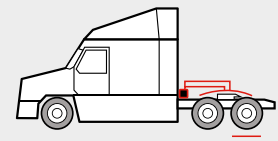
- » On-the-ground axle group weight displayed in pounds or kilograms
- » Application for single, tandem, and tri axle

Common Configurations

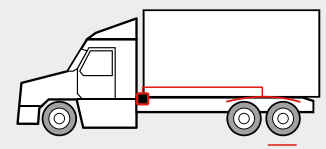
Drive weight for tractors



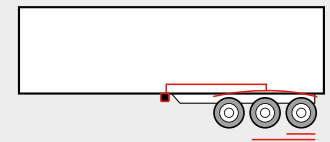
Axle groups with 2 height control valves require an "m3" valve



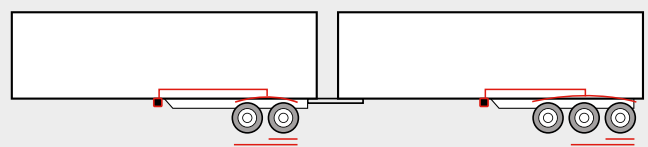
Drive weight for tractors and straight trucks



One group of 1, 2, or 3 axles



One gauge per axle group with one height control valve



Interior Analog Gauges

510 Series



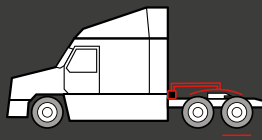
Right Weigh's interior analog scales are designed to mount in the cab's dash panel. The gauge will fit any standard $2\frac{1}{16}$ inch instrument cutout. For dedicated tractor and trailer, a second interior load scale can be used to determine the weight of the trailer axle group using a quick disconnect between the tractor and trailer. For a drive axle with two height control valves, a supplementary valve is necessary for connection. Backed by a 3-year warranty.

Features

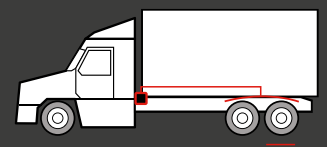
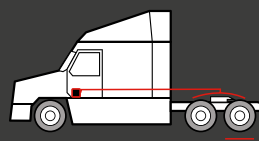
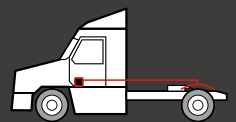
- » On-the-ground axle group weight displayed on a 2" dial face, available in pounds or kilograms
- » Choice of black or chrome bezel colors
- » 7-color selectable LED backlight
- » Applications for single, tandem, and tri axle (tri axle only available in kilograms dial face)

Common Configurations

Axle groups with 2 height control valves require a separate "MINI-M3" valve



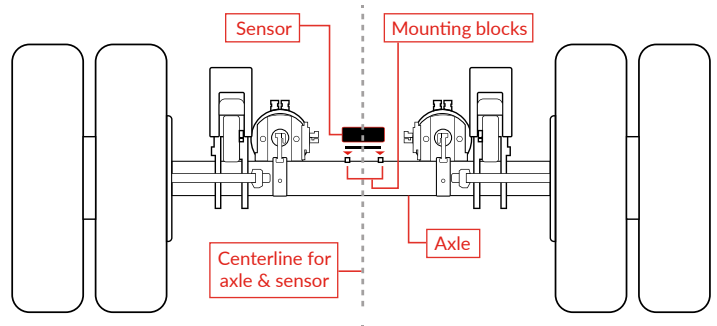
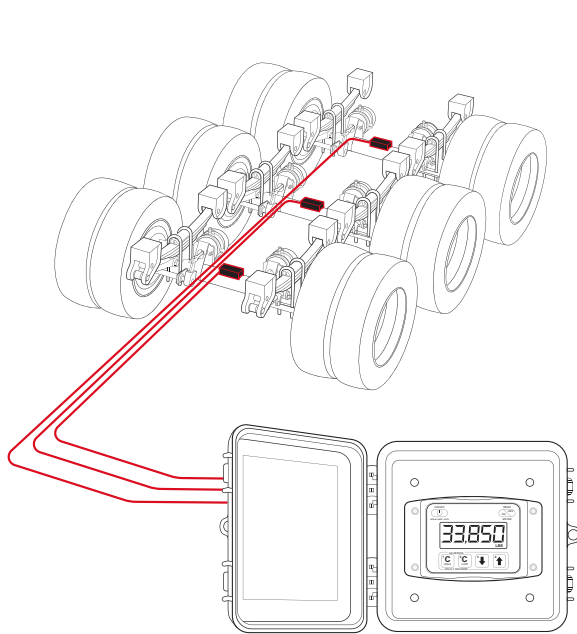
Drive weight for tractors and straight trucks





How it Works

Spring Suspension



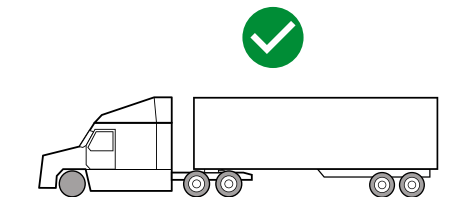
- » Trailer weight puts strain on the axle
- » The strain is then measured by precision sensors and converted to pounds or kilograms using the calibration information entered by the user during initial set up
- » Compatible with most axle diameters and shapes
- » Each axle in the axle group must have one sensor installed.
- » Only one digital scale is necessary to read all the sensors per axle group
- » Visit www.rwls.com for more information

Weighing Conditions

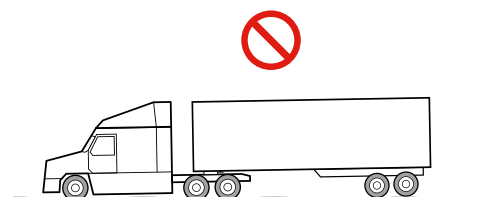
The accuracy of the scale is dependent on the mechanical repeatability of your leaf-spring suspension as well as the ground surface conditions. Follow these weighing guidelines to optimize the accuracy of the scale readings.



Rough, rugged and uneven surface



Hard, flat and level surface



Soft, uneven or loose surface

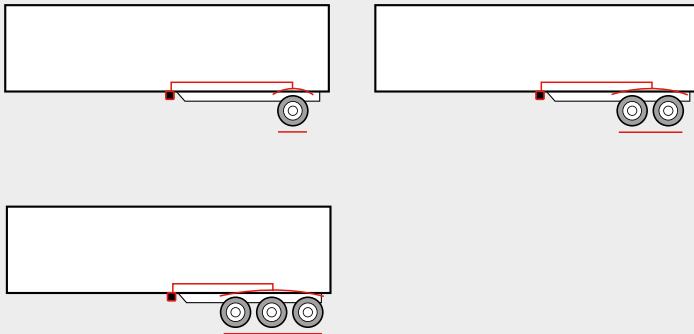
Exterior Digital Gauges

201 Series



Common Configurations

One sensor per axle



The Right Weigh Bluetooth-enabled spring suspension load sensor for our Exterior Digital gauge is designed to measure the on-the-ground weight of spring suspension trailers. A precision sensor attached to the center of the axle detects the strain in the axle. This strain is then measured and converted to pounds or kilograms by the Right Weigh digital scale system. RS-232 output included. Backed by a 3-year warranty.

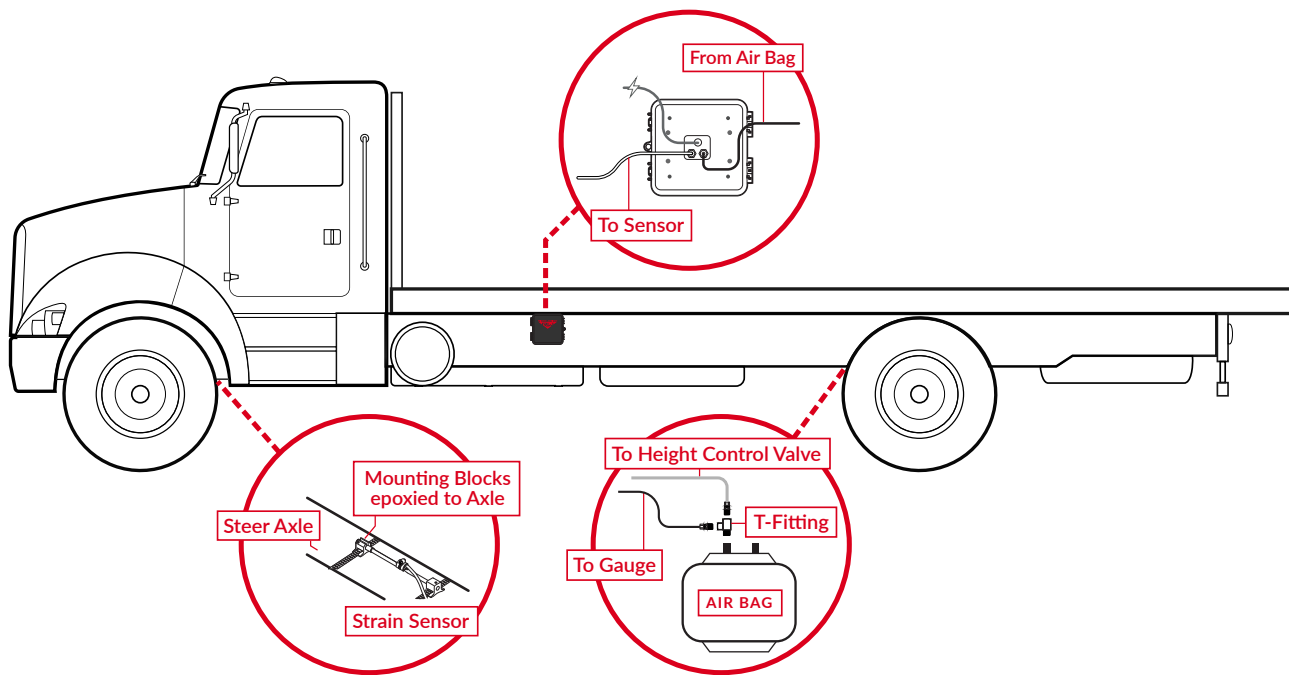
Features

- » On-the-ground axle group weight displayed in pounds or kilograms on an easy to read digital display
- » Bluetooth-enabled to view weights on smartphone via free Right Weigh app
- » Calibration can be PIN code protected
- » Ability to set overweight alerts
- » Weather resistant enclosure



How it Works

Spring+Air Suspension



- » The strain sensor on the steer axle measures axle strain as weight is added or removed
- » The gauge monitors changes in air pressure caused by the Height Control Valve reacting to changes in the weight of the vehicle
- » Visit www.rwls.com for more information

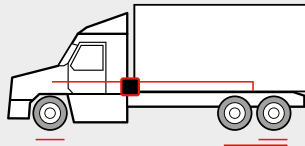
Exterior Digital Gauges

201 Series

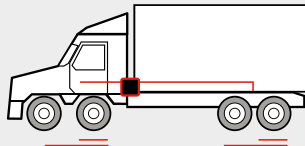


Common Configurations

Single steer axle and tandem drive weight



Dual steer axle and tandem drive weight



Right Weigh's Bluetooth-enabled spring + air suspension Exterior Digital gauges are designed for straight truck or tractor applications with an air suspension drive axle group and a spring suspension steer axle. They monitor the drive axle group as well as give a Measured Steer axle weight using a strain sensor that is attached to the steer axle. Backed by a 3-year warranty.

Features

- » Available for drive axle groups with one or two HCVs
- » Bluetooth-enabled to view weights on smartphone via free Right Weigh app

Product Numbers



201 Series

EXTERIOR DIGITAL GAUGES

Air Suspension

- » 201-EBT-01B » 201-RTS-01B
1 Air Sensor 1 Height
Control Valve
- » 201-EBT-02B » 201-RTS-01B
2 Air Sensors 2 Height
Control Valves
- » 201-EBT-04B
4 Air Sensors



202 Series

INTERIOR DIGITAL GAUGES

Air Suspension

- » 202-DDG-01 » 202-DDG-03
- » 202-DDG-02 » 202-DDG-04

Quick Disconnect Kit:

- » 301-QDK

Install Kit

- » 201-SK



310/250 Series

EXTERIOR ANALOG GAUGES

Air Suspension

Single Axle

- » 310-30-PP » 250-30-FF
- » 310-30-M3* » 250-30-LM

Tandem Axle

- » 310-54-PP » 250-54-FF
- » 310-54-M3* » 250-54-LM

Tri-Axle

- » 310-80-PP » 250-64-FF
- » 310-80-M3* » 250-64-LM

Install Kit

- » 101-SK

*Requires (2) 101-SK Install Kits



510 Series

INTERIOR ANALOG GAUGES

Air Suspension

Single Axle

- » 510-30-B » 510-30-C

Tandem Axle

- » 510-46-B » 510-46-C

Install Kit

- » 101-SK

Subhead

- » 919-MINI-M3 (Required for tractors with dual height control valve)
- » B, C indicates black or chrome bezel color



201 Series

EXTERIOR DIGITAL GAUGES

Spring Suspension

- » 201-EBT-10B
Single Axle Trailer
- » 201-EBT-20B
Tandem Axle Trailer
- » 201-EBT-30B
Tri-Axle Trailer
- » 201-EBT-30B-WB
Walking Beam Straight Truck
- » 201-EBT-20B-TT
Trunnion Tube Straight Truck



201 Series

EXTERIOR DIGITAL GAUGES

Spring & Air Suspension

- » 201-EBT-11B » 201-EBT-12B

Are you ready to save time and money for your business? Contact us today.

Contact us



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Warranty

All of our load scales come with a 3-year warranty for product failures due to material or manufacturing defects.

This warranty does not apply to product problems resulting from: (1) improper application, installation, incorrect wiring or operation outside of the approved specifications of the product, (2) accidents, faulty suspension parts or power surges, (3) inadequate maintenance or preparation by the buyer or user, (4) abuse, misuse or unauthorized modification, (5) natural disasters, etc.

Right Weigh, Inc. does not assume responsibility of liability for any loss or damages resulting from the use of our products.

In no event will Right Weigh, Inc. be liable for direct, indirect, special, incidental or consequential damages (including loss of profits or loss of time) resulting from the performance of a Right Weigh, Inc. product. In all cases, Right Weigh, Inc. liability will be limited to the original cost of the product in question. Right Weigh, Inc. reserves the right to make improvements in design, construction, and appearance of products without notice. Right Weigh, Inc. may at its sole discretion discontinue support, warranty, or repair of products which it deems are obsolete or for which repair parts are no longer available. No employee or agent of Right Weigh, Inc. has the authority to modify the terms of this warranty in any manner whatsoever without the express written permission of Right Weigh, Inc.



About Right Weigh

Right Weigh was born from the need to have a simple and affordable solution for monitoring weight loads. In 1998, Sid Campbell developed Right Weigh's first onboard load scale. As a fleet owner and operator in Alaska, Sid used his load scales on his own trucks and trailers. He recognized that many of his peers were also in search for the same solution. Since then, Right Weigh has become the go to supplier of onboard load scales.



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