



INSTRUCTIONS FOR OPERATING QUANTUM ONE SCALES

1. Place a scale pad next to each wheel of your vehicle with the cable attachment facing towards the center of the vehicle. (This will help eliminate the possibility of kicking or stepping on the cable attachment.)
2. Attach cables to corresponding pads.
3. The "OFF/ON" switch is located on the left of the control panel. The rechargeable battery receptacle is on the rear of the control panel.
4. Before placing the vehicle on the scale pads you will need to zero the system. Turn the system "ON" and wait until "QUANTUM ONE" is displayed on the left screen and "PRESS BUTTON TO ZERO" is displayed on the right screen, then press the "ZERO" button.
5. Place the vehicle on the scale pads centering them as close as possible and settle each corner.
6. The weight/percent screen (right screen) will automatically display
 - LEFT (both left wheels), WT/%
 - REAR (both rear wheels), WT/%
 - RF-LR (cross-right front & left rear), WT/%
 - RIGHT (both right wheels), WT/%

In addition the total screen (left screen) will display the actual weight of each wheel and the total weight.

MODES OF OPERATION

The scale can be operated in eight different modes.
You can change modes by pressing the "MODE" button.

When the scales are turned on they will be in the same mode as when they were last used.

1. **CIRCLE TRACK MODE REAR WEIGHT POUNDS**
calculates and displays in pounds
 - Left weight and percentage of total
 - Rear weight and percentage of total
 - Right Front/Left Rear cross weight and percentage of total
 - Right weight and percentage of total
2. **ROAD RACE MODE REAR WEIGHT POUNDS**
calculates and displays in pounds
 - Left weight and percentage of total
 - Rear weight and percentage of total
 - Left Front/Right Rear cross weight and percentage of total
 - Right weight and percentage of total



3. CIRCLE TRACK MODE FRONT WEIGHT POUNDS
calculates and displays in pounds
 - Left weight and percentage of total
 - Front weight and percentage of total
 - Right Front/Left Rear cross weight and percentage of total
 - Right weight and percentage of total
4. ROAD RACE MODE FRONT WEIGHT POUNDS
calculates and displays in pounds
 - Left weight and percentage of total
 - Front weight and percentage of total
 - Left Front/Right Rear cross weight and percentage of total
 - Right weight and percentage of total
5. CIRCLE TRACK MODE REAR WEIGHT KILOGRAMS
calculates and displays in kilograms
 - Left weight and percentage of total
 - Rear weight and percentage of total
 - Right Front/Left Rear cross weight and percentage of total
 - Right weight and percentage of total
6. ROAD RACE MODE REAR WEIGHT KILOGRAMS
calculates and displays in kilograms
 - Left weight and percentage of total
 - Rear weight and percentage of total
 - Left Front/Right Rear cross weight and percentage of total
 - Right weight and percentage of total
7. CIRCLE TRACK MODE FRONT WEIGHT KILOGRAMS
calculates and displays in kilograms
 - Left weight and percentage of total
 - Front weight and percentage of total
 - Right Front/Left Rear cross weight and percentage of total
 - Right weight and percentage of total
8. ROAD RACE MODE FRONT WEIGHT KILOGRAMS
calculates and displays in kilograms
 - Left weight and percentage of total
 - Front weight and percentage of total
 - Left Front/Right Rear cross weight and percentage of total
 - Right weight and percentage of total

IMPORTANT NOTES

1. Do not press the zero button while the vehicle is on scale pads. This will require you to raise the vehicle and re-zero the system.
2. To charge the batteries, plug in the 110 AC adapter.
3. The batteries will also recharge while you are using the system with the 110 AC adapter.
4. Use caution while placing the vehicle onto the scale pads. A heavy vehicle dropped hard onto the pads may damage the load cells.
5. If you are using your scale in cold weather, allow a few minutes for the system to warm up.

