



QWIM

HIGH-SPEED WEIGH-IN-MOTION VEHICLE SCALES



Cardinal Scale's QWIM system is available in either single or dual threshold configurations.



Quartz Sensor Based Weighing

Weigh Vehicles at Full Highway Speeds of 80 mph (130 km/h)

- Meets or exceeds ASTM 1318-09 performance requirements for a Type III, In-Motion Scale
- Only requires a single inductive loop
- Immune to corrosion
- Can be installed in less than 12 hours minimizing lane closures
- Requires no expensive foundation and associated water drain system
- No obstruction to passing snowplows
- High immunity to damage from lightning and power line surges
- Only minimal periodic maintenance required
- No external temperature compensation required
- Gross weight error of less than +/- 6% at speeds up to 80 mph (130 Km/h)



www.WIMscales.com

QWIM

HIGH-SPEED WEIGH-IN-MOTION VEHICLE SCALES



Cardinal Scale's QWIM Series of In-Motion Vehicle Scales offers the best combination of performance, cost of ownership, and ease of maintenance available. Using Kistler LINEAS® Quartz Sensors, Cardinal adds our own CVW series high performance WIM controller to produce an in-motion scale that is second to none. Available in either a single or dual threshold configuration, the Cardinal QWIM In-Motion Scale is an ideal choice for both low and high speed applications. The QWIM series of scales has been used successfully for more than 15 years in traffic monitoring, ramp sorting and virtual weigh station applications. With the QWIM, Cardinal is your one-stop answer when you can't stop to be weighed.



Cardinal's QWIM system can be installed in less than 12 hours minimizing lane closures.

In its most basic form, the QWIM Series In-Motion Scale still offers a full set of features:

- Standard vehicle record includes:
 - Axle Weight and Axle Spacing
 - Gross Vehicle Weight
 - Vehicle Classification
 - Vehicle Speed
 - Vehicle Identification Number
 - Time and Date
 - Scale Identification

- Full-Sized, Corrosion-Proof Traffic Cabinet with Locking Door and Thermostatically Controlled Fan and Heater
- Uninterruptable Power Supply
- Integral Power Line Filter with Status Indication
- Work Light and Convenience Power Outlet
- Fully Expandable at Any Future Date



STATIC TRUCK SCALES

Cardinal's complete line of proven single and multiple platform static vehicle scales complete the weight enforcement package. Available in either low profile or pit installations with your choice of analog strain gauge, hydraulic, or digital load cell monitoring systems, these high-capacity heavy-duty scales provide the ultimate in performance and durability.



Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice. All registered trademarks are the property of their respective owners.

Cardinal
Cardinal Scale Manufacturing Co.
203 E. Daugherty, Webb City, MO 64870 USA
Ph: 417-673-4631 or 800-441-4237 • Fax: 417-673-5001
wimscales.com

SOLD BY: