

Air Scale System

The Highest Quality Air Scale System For On-Board Weighing Applications



The SI Onboard Airscale system provides gross or net vehicle weight by monitoring air pressure from your air suspension and converting this to a weight.

This information is used in avoiding overload fines, choosing disposal sites, and reducing truck maintenance. The system can be installed on any truck with an air suspension. Axle group weights are provided, as well as gross and net weights. Rear-axle-group-only and front-axle-group-only systems are also available.

Key Features:

- Up to 2% of net payload
- Gross/Net weight displayed with no driver interaction
- Axle group weight displayed with no driver interaction
- Easy to operate - One program
- Extensive self diagnostic
- Easy two-step calibration
- Post calibration
- Weight set-alarm points

Options:

- Printer
- Relay board
- Hand held remote



**Air Scale System
9101310**

Applications:

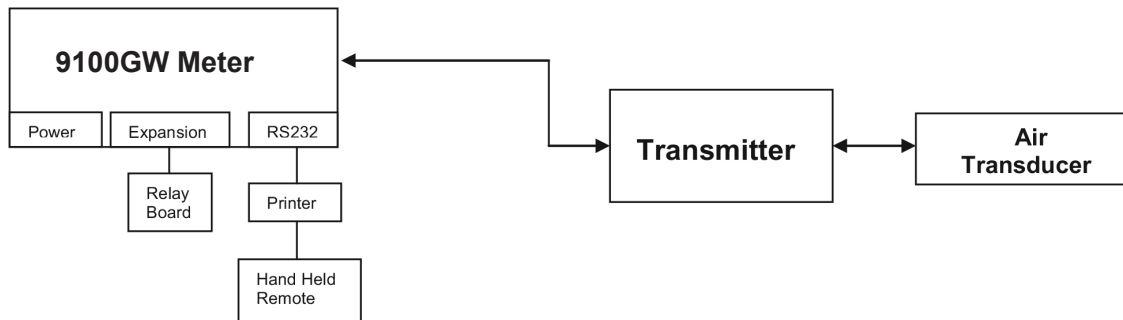
- Forestry/logging
- Waste
- Bulk hauling
- Aggregate
- Dump truck
- Roll offs
- Agriculture
- Tow trucks

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sionboard.com



Air Scale System - 9101310



- * Complete Truck system shown
- * Available kits for dual leveling valves

PARAMETERS	MIN	TYPE	MAX	UNIT
Acuracy	0.5%	1.0%	2.0%	Full Scale
Number of Transducers		1 or 2		
Number of Channels		1 or 2		
METER				
Display Digits	45" high, 7-segment, 6-digit, bright-red LED			
Size	6.5" L X 3.2" W X 2.3" D; 2.1 LBS			
Divisions	20, 50, 100 (pounds or KG)			
Units				
Operating Voltage	11.5		16	VDC
Current Consumption			400	mA
Operating Temperature	14		104	°F
Conversion (Frequency to digital)		2		updates/second
Resolution		4000		
Communications		RS232		
TRANSMITTERS				
Analog Input	0.4		1.0	mVN
Conversions Ratio		66		kHz/mV
TRANSDUCER				
Material	Aluminum Alloy			
Size	4" + 2' Cable			
Output (@ 150 PSIG)	0.5	1	1.5	mVN
Impedance	350 Ω Min			Ohm
Capacity			150	PSI

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