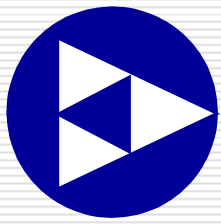


An ISO 9001 Certified Company



DIGITAL

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IN-MOTION WEIGHING SYSTEM

MODEL MW 2500

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G S Y S T E M S

Winner of National Award for Quality & Entrepreneurship

ELECTRONIC WEIGHING SYSTEMS OF WORLD CLASS

MW 2500

Features

Modular design of scale allows weighing of a wide range of rail cars

Scale can be installed either above ground (rail bonded sensor)

Gross capacity is certified at 140,000 Kgs. In 200Kg. Graduations

Anti-creep devices included on live rail/Load cells

Loadcells/Sensors are hermetically sealed for environmental protection

Menu Driven Operation

Remote Sensing Excitation Circuitry

High Resolution Analog to Digital Converter

Automatic Calibration Check

Auto Zero maintenance

IBM key board and key pad interface

Real time Clock (Optional)

Password Security

Two full duplex configurable RS232/RS 422 ports (optional line driver) for distant transmission of serial communication

Self & operator diagnosis

High efficiency seven segment displays for weight

Inbuilt weightment memory bank

Suitable for Merry Go Round (MGR) type dispatch (auto tare/gross/net & end of rake facilities)

Fully unique embedded microcontroller based circuitry for fast operation



We Weigh the Universe





TECHNICAL SPECIFICATION			
Measurement Rate	20000 Measurements per second	Operation	Menu Driven
Resolution	Selectable	Weighing Range	0 to Rated Load
Over Capacity	Visual indication provided in both Weight Display & Message Display	Interface through	IBM Compatible, 104 Keys PC Keyboard
Visual Display	16 mm, 6 Digits, 7 Segment for Weight Display 5 mm 16 character 2 line Alpha numeric for Msg Display	Software	User friendly, Menu Driven
Polarity Indication	"-" Sign in weight display and annunciation in message display	Self Diagnostics	Provided
Calibration	Software (Password protected)	Auto Latching	Provided With RTC RAM & Security As Per RDSO
Decimal Point	Selectable	EMI / RFI	Signal, Excitation, lines protected
AZM Capture range	Selectable	Power Supply	230 V AC \pm 10 %, 50 Hz \pm 3 Hz, Single Phase
Motion Band	Selectable	Power Consumption	80 VA
Serial Output	2 Serial Port	Temperature Range	5 to 55 Degree Centigrade.
Optional Output	RS 422/485	Humidity	0 to 90 % non - condensing
Printer Port	Centronics parallel port (Optional)	Enclosure	Floor mounted
A/D Conversion	16 Bit high resolution	Standards	OIML & BIS
Analog Input	4 Nos. optically isolated active high inputs	Approved By Government of India	
Digital Output	4 Nos. potential outputs with contact rating of 24VDC/1 Amp		
Real Time Clock	Provided		



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WEIGHING SYSTEMS (P) LTD

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Regd Office& Works

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