An ISO 9001 Certified Company

DIGITAL

WEIGHING SYSTEMS

IN-MOTION WEIGHING SYSTEM
MODEL MW 2500

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 weighment 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**

DIGITAL WEIGHING SYSTEMS (P) LTD

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		

Specifications are subject to change without notice

Contract ess Track Swithes

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