
Monad Electronics

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Introduction

Winner of National Award for year 2009-2010 in R&D

Monad Electronics is An ISO 9001:2015 certified company, which has been involved for over 20 year in the business of designing, manufacturing and export of Electronic Industrial products, Testing equipments , sensors and related indicating and controlling devices and allied products related to Data logging & Acquisition.

Monad is specialized in providing high end and high accuracy customized Force Transducers, Multi-Axial Force Transducers and Torque Sensors. Monad is an expert in providing import substitutes of high end Load Cells, Safe Load Indicators, etc

We are supplying to leading industries and government institutions and are also exporting our products to USA, Germany, Belgium, Turkey, Australia, U.A.E., Singapore, Spain, Brazil, New Zealand, Philippines, UK, Croatia and to the African countries.

Technology, Design and 100% In House Manufacturing of Pad, Load Cell and Electronics

100% MADE IN INDIA



Axel Weighing Pads

Portable vehicle weighing solutions are suitable for weighing vehicles statically (axle-by-axle).

Monad`s Weighing Pads are specially designed for Indian Conditions and Rough Handling.

Weighing Pads are SLIM and has a weighing range From 100Kg to 30 T per axle.

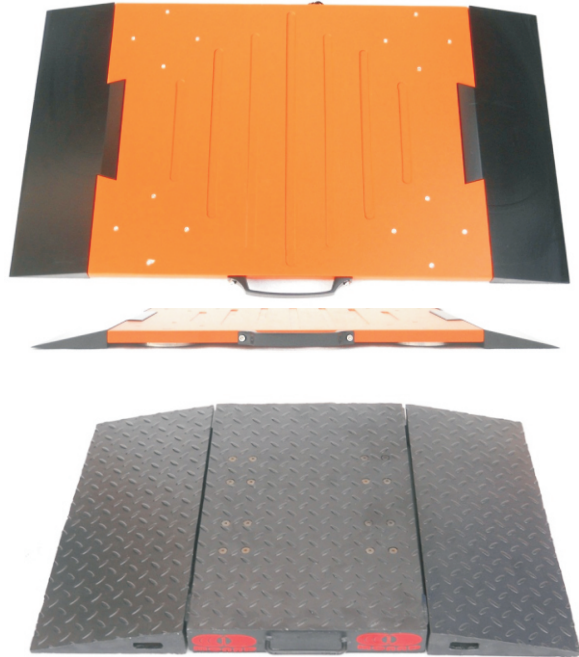
Achievable accuracy when the scale is set on a flat good quality surface is in the order of $\pm 0.5\%$ for static weighing and $\pm 1\%$ for uneven surface.

The weigh pads are mechanically strong in that they are built using high resistance space grade aluminium alloy or alloy Steels and coated with anti- skating polyurethane paint.

The weigh pads are low profile, small in size and Light weight for easy handling. Pads are available In Standard as well as customized Design.

Pads are consist of our Proprietary Stainless steel Load cell with IP67 Environmental Protection

Axel Weighing Pads



Axel Weighing Pads

Features And Benefits:-

- * Designed For Indian Conditions
- * Inbuilt/Wireless Display Indicator
- * Combined Load Display in Remote Display
- * Compact Size
- * High Accuracy
- * Light Weight
- * Tare Facility
- * Rugged Construction
- * Heavy Duty Stainless Steel IP67 Load cell
- * High Over Load Capacity
- * Capacity Range 100, 500, 1000, 5000 Kg, 10T, 20T & 30T

Optional Features:-

- * Wireless Communication
- * In Built Data Logging Option

Axel Weighing Pads

Technical Specifications:-

Power Supply	6/7.2 V DC with Rechargeable Li-Ion Battery
Power Back Up	≥ 24 Hours When Battery is Fully Charged
Maximum Power	5 VA
Display Division	2000 Counts To 5000 Counts
Display	LCD with Back light
Keyboard	Waterproof poly-carbonate with mechanical Keys
Tare Function	Subtractive up to the 30% of FS
Construction Material Of Load Cell	Stainless Steel
Construction Material Of Pad	Aluminium Alloy
Temperature operating (°C)	-25°C to +55°C
Safe overload (%FS)	120% Of FS
Ultimate Overload (%FS)	150% FS
Protection Class	IP67
Platform Dimensions	500X400 mm and customized or as per requirement
Platform Thickness	25 to 50 mm
Platform Weight	≥ 15 Kg
Handle	Pads Have Arm Handles for ease of operation
Cable spec.	Four Core Shielded with Cotton Thread Reinforcement

Axel Weighing Pads

Display Unit Specifications:-

Type	Suitable for use on Table, Column, wall and hand held with Display unit.
Power Supply	220 \pm 20V AC with built in rechargeable battery capacity of 24 h Operation
Operating Temperature	-25°C to +55°C
Display	Alpha Numeric LCD Display with Backlight to display each Load Cell weight and Total weight accumulating total function with automatic back lighting
Built in self diagnostics to check	Load cells, Memory to store (Last 100 Transactions or 30 Days Transactions), Display, AD Converter (4Bits Four Channel)
Features	1) Calibration Through Key Pad (Software) 2) Print out facility with mini printer - ie printing the totalizer load with date, time and number of weightments
Communication From Load cell	Data Cable with RF communication
Accuracy of System	\pm 1 Kg.
External PC compatibility	Indicator will be able to connect with external computer having active windows application

Axel Weighing Pads

Service Capability Details:-

Monad is having all India service capability with its service offices at

Jaipur

Ahmedabad

Jamnagar

Mumbai

Jharsuguda

Delhi

Chennai