



Sensors & Systems Industrial Solutions Pvt.ltd

Corp. Off: Plot No.16, 5th Floor (502), Vishnu Laxmi Tower, RajivNagar, Wardha Road, Nagpur-440 025
Works: B-4/3, M.I.D.C. Butibori, Nagpur-441122, **TeleFax:** +91 712 2290777 **email:** info@elweigh.com **Website:** www.elweigh.com

CRANE WEIGHING SCALES MICROCONTROLLER BASED

This product has become a necessity for every industry where handling of bulk material is more. The use of these systems not only save precious time else wasted in handling of material too but also saves precious manners, electricity consumed in crane operation.

FEATURES:

- Built in battery backup
- Bright 7 segment wireless large display available in sizes up to 12 inches
- Remote calibration
- Optional wireless handheld device for data storage.



PRODUCT DESCRIPTION:

1. Provides High Convenience during work
2. Instant weighing saves lots of precious time
3. Saves lots of energy else wasted in material handling
4. Reduces involvement of manpower involved in shifting & weighing
5. All the material weights get cross checked, any shortage or excess loading can be immediately checked
6. Saves precious money.
7. Systems are tailor made to suit cranes types & working atmosphere.
8. High temperature version available for Ladle/ Induction furnace use.
9. LASTEST VERSIONS ARE SUPPLIED WITH WIRELESS BLUETOOTH DISPLAY MODULE & WIFI CONNECTIVITY TO SAP ERP



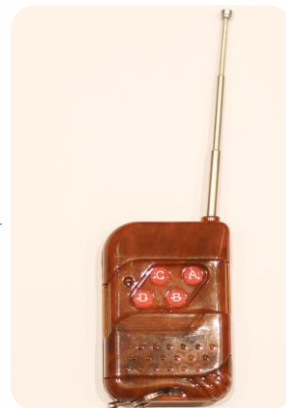
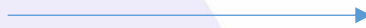
COUNTER SCALES | PLATFORM SCALES | WEIGH BRIDGES | CRANE WEIGHING SCALES | RAIL WEIGHING IN MOTION |
AUTOMATIC BAGGING SCALES | CONVERSION KIT | SMART PAD | BELT WEIGHING | HOPPER WEIGHING | LOAD CELLS



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BLOCK DIAGRAM:



OPERATION OF SYSTEM:

System will be having a magnetic crane with display located near operator. Operator will weigh two types of materials say charge 1 and charge 2. When operator will press the key for charge 1 material, weight for the same will get stored in charge 1 column of PC based software with date and time. Same thing will be followed for charge 2 material. Also the system will store the complete report of Weighment.



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PLATFORM WEIGHING SCALE MICROCONTROLLER BASED

The rugged reliable balance that makes weighing a simple & instant operation with ultra-modern technology bring exceptional reliability. In a wide range of weighing application the balances offers following features at easily affordable rates.

FEATURES:

- Built in battery Backup
- Bright 7 segment Dual Display 0.5"
- Keyboard calibration
- Optional RS232 Interface
- High Precious Load Cell

SPECIFICATIONS:

- Capacity range: 50 kg- 500kg
- Pan size: 600x600mm to 2000x2000mm
- Customization as per user requirement
- Bluetooth connectivity
- Barcode printer and scanner
- SMS firing





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TABLE TOP WEIGHING SCALE MICROCONTROLLER BASED

The rugged reliable balance that makes weighing a simple & instant operation with ultra-modern technology bring exceptional reliability. In a wide range of weighing application the balances offers following features at easily affordable rates.

FEATURES:

- Built in battery Backup
- Bright 7 segment Dual Display 0.5"
- Keyboard calibration
- Optional RS232 Interface
- High Precious Load Cell
- Auto calibration facility with standard weights

SPECIFICATIONS:

- Capacity range: 1 kg-30kg
- SS pan size: 300x235mm
- Bluetooth connectivity with mobile and PC
- Physical Dimensions : 303x362x30





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WEIGHT TRANSMITTER

Ideal for all application that require basic weighing, local panel indication and integration with remote PLC / PC software. Well suited for use by control & automation system integrators.

FEATURES:

- Simple, easy to install
- Data Communication and Simultaneous analog output to PLC/DCS
- Complete load cell signal conditioner
- High accuracy with 20-bit A/D converter
- Precise 5V DC excitation supply for up to 4 load cells
- DIN STD 96x48mm panel mounting Dimensions

TECHNICAL SPECIFICATIONS:

- Display : 5 digit Bright Red Colour LED Display
- A/D Converter : Internal 20-bit, External 16-Bit resolution
- Load cells : Drives 4 Load Cells of 350 ohm
- Conversion Rate : 10 Samples/ sec

