

# SMRC

## Weighing Solutions





**SMRC Technology** is one of the fastest growing Start-up in Automation and Engineering Solutions, situated in Central India, setup in the year 2016.

We have Industrial exposure in Engineering and Design of Weighing Solutions for

- Ladle Weighing System on Stand and Trolley**
- Hopper and Bin weighing system**
- Hook Weighing System for cranes**
- EOT cranes weighing system**
- Road Weigh Bridge with Software**
- Loss in Weight systems**
- Belt weighers and Weigh Feeders**
- Hydraulic Pressure based weighing for Earth movers**
- and Safe Load Indicator for all type of cranes**

We are known for Safe Load Indicators for cranes. We were first in India to launch SLI with Touch screen facility for ease of operation and calibration. We are expanding to other parts of the globe with our supply and retrofitting jobs.

We have diversified into Industrial and Building Automation. We have more than 25 years of Industrial exposure and we have our own Electronic lab and Mechanical workshop. We are fully equipped with PCB prototype manufacturing and testing and equipped with machines to cater all type of mechanical jobs. Building Automation includes home and office automation, for which we have our own manufacture range of products and systems

**Head Office** is situated at Raipur, CG, India. We are constantly expanding our capacity and capabilities to make a global presence. We have various installations in India and have our presence in Russia, Malaysia, Qatar and Romania.

We are into Hardware, Firmware and Software development and have developed several Industrial products to promote Make in India and Atmanirbhar Bharat. We have our presence in Cement, Steel, Construction and Agriculture sector with our Electric, Hybrid and Solar product range. We are also into development of products for **Research and Patent** in collaboration with Academic and Research Institutes



**LCD Indicator**  
2 and 4 Line Display



**Touch Screen Indicator**  
5,7 and 10 inch display

Our Weighing Indicators are IP 65 compliant, with Screen size varying from 5 ,7 to 9 inches, can be powered by 12/24 V DC or 110/220/240 V AC as per the requirement and the Operating temperature range is -10 DEG C to 70 DEG C. Overall it is a User friendly, Easy to Operate, Tough, Password protected Accurate device.

**Digi - X**



**Touch - X**



**Touch - WF**



We supply complete system and Electronics. We supply large Display with 7 segment LEDs with wired and wireless connectivity.

Our weigh indicators and weigh controllers are Industrial 4.0 and IoT ready, having capability to transfer data on RF, WiFi and GSM based communication. They can be linked to Cloud and to Mobile App on demand. Cloud connectivity gives an opportunity for historical data monitoring, trending, report generation and Data analytics.

For earth movers the report gives consumption of diesel, GPS tracked movement in a day, load lifted and other variables are customised as per the end use.

Algorithms of weighing based on Hydraulic pressure of system is complex and its relation with temperature and environment needs detailed engineering understanding of system

Weigh feeder, LIW , Belt scale indicators and controllers have integrated displays and with remote display wherein the display and IO cards can be separately mounted. This makes retro-fitting easy without any change in the panel cutouts.



**Heavy Duty Tensiometer**



**Boom Length Angle sensor**



**Large LED Display**





Marketed by

# SMRC Technology

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