

**GRAMTON**™

## EOT Crane Weighing System



### Applications:

- Steel Industry
- Automobile
- Forging Industry

To **P** **UR** Precisely

**Weighing System for High Temperature  
Molten Metal (1800°C)**

- Comes with overload protection safety system
- Wireless or wired Remote display for versatile use.

## Overview:

Gramton make EOT crane weighing systems comes with high accuracy and based on customized weighing sensor. This system is very useful for applicants such as hot metal or scrap handling, as the load pins are impermeable to shock loading and being the high temperature of molten metal is substantially reduced at the load pin location. A combination of Digital controller, Load Pin and Remote Display are widely used for weighing systems on EOT cranes. The weight lifted by the crane hook can be seen on 4 inch Remote Display in the cabin as well as from the shop floor below. Overload Protection system is built-in in the system by default as a special consideration.

## Salient Features:

- Customize design and feature availability
- Efficient performance
- Low Deflection
- High accuracy with Safety Alarm
- The customized load pins to be fitted in the equalizer pulley.
- Calibration and set points are very easy to set by the user.
- Tare facility
- 100% safe overload protection
- Wire rope slack condition

**Load cell:**



**Weighing control panel:**




**Additional accessories:**




## Technical Specifications:

Capacity	1 Ton to 200 Ton
Accuracy	± 1%
Operating temp	Up to 1800°C
Power supply required	230V, 50Hz, Single Phase
Excitation Voltage	+ 5 Volt DC
Output	1 MV/Volt
Input Resistance	400 Ohm
Output Resistance	350 Ohm
Output Resistance Overload Protection	150%
Non-Linearity	< ± 5.0 %
Creep (30 minutes)	< ± 0.03 % FSO
No. of Load cells	Varies with the pulley configuration
Duty	Continuous
Load sensor	Strain gauge based load cell
Load cell Type	Load Pin

## Gramton Weighing Automations

 Office Address: Office No. 102, Rudra Apartment, CTS No. 846, Opposite Dyanprobhodhani School, Sadashiv Peth, Pune 411030

 Factory Address: House No. 127, Sr. No. 145, Fursungi, Tal: Haveli, Pune: 412308

**GRAMTON**  <sup>TM</sup>

ISO 9001:2015