

# Tank Weighing System

## Applications

- Pharma
- Paint
- Chemical
- Petroleum
- Food
- Plastic



- High Accuracy with simple installation
- User Friendly Operation
- Batch Filling facility

## Overview:

With technological superiority our Tank Weigher is a perfect for measuring for aggressive, hot, frozen, liquid and non-free flowing materials. This Tank weighing machine is manufactured from premium quality components and cutting-edge technology. Available in different capacities as per the application requirements of the clients. It comes with a powerful Indicator with time-tested Load Cell Kits. Also it has been designed in such a way that Installation & Maintenance is quick and smooth for the use



**Weighing Controller**

## Salient Features:

- Rugged wash down design
- Last weights retention on power failure
- Built-in screw jack for easy maintenance
- Lift-off protection
- Optional SS Loadcell
- Simplifies load cell installation

## Optional Accessories:

- Flameproof console for hazardous areas
- Jumbo Display – Red LED (25 mm or 50 mm)
- RS232 Serial Interface
- Stainless steel loadcell
- Data Processing Unit / Batch Filling
- Set Point facility (External) – Relay output

## Technical Specifications:

Capacities	100 kg to 200 ton
Display Resolution	1/2000 to 1/5000 (depends on capacity & Tank)
Internal Resolution	1/600000
Power supply required	230V, 50Hz, Single Phase
Relay outputs	4-20 mA
No. of Loadcell	3 or 4 depending on tank
Display	High brightness, LED display
<b>Loadcell:</b>	
- Loadcell Construction	Alloy Steel
- Type of Loadcell	Shear Beam
- Sensitivity	$3.0 \pm 0.003\text{mV/V}$ (0.5~10t)
- Safe load Limit	150% F.S.
- Overload Limit	200% F.S.
Environmental Protection	IP67



**Flame proof Indicator**



**Jumbo-remote display**



**Load cell**



## Gramton Weighing Automations

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