

Safe Load Indicator for Cranes

PRC has developed & manufacturing "Safe Load Indicator (SLI)" which is Suitable for all type of mobile hydraulic cranes, crawler Cranes, Gantry Cranes & Mooring Winches. With the help of enhanced features of this System, Crane manufacturers / Crane operating units can check the Safe load (as per load chart) at any given radius while crane is in operation.

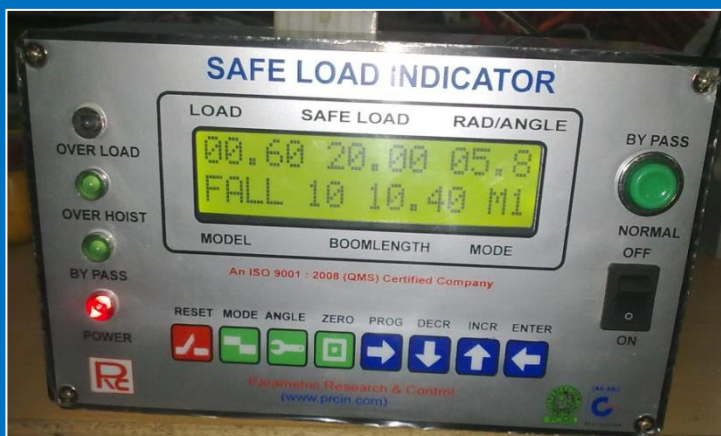
SLI Displays Actual Load, Boom Angle, Boom Length & Working Radius, Through the day time visible backlight LCD or HMI Display which is enabled for auto calibration.



HMI MODEL

Salient Features:

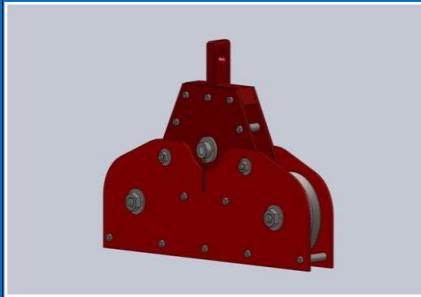
- ✚ Highly insurable crane safety
- ✚ Easy to operate, user friendly
- ✚ Rugged & robust construction
- ✚ Protection through user password
- ✚ Easy installation & parameter settings
- ✚ PC interface & print out facility



16X2_LCD MODEL

Technical Specification:

- Application Suitable for all type of Cranes manufacturing / Crane operating units.
- Main function Indicates the Safe load (as per load chart) at any given radius while crane is in Operation.
- Display Parameters Actual Load, Safe Load, Boom Angle, Boom Length, Working Radius & Mode.
- Display Day time visible backlight LCD Display.
- Calibration Automatic for Load, Boom Length & Angle.
- Alarms Audio Visual alarms for unsafe condition.
- Output Relay output in unsafe condition.
- Indication For Over Hoist & over Load.



PRC also offers "Crane Load Indicators (CLI)" for online load measurement lifted by the cranes to facilitate user operating the cranes safely.

Salient Features;

- 🔧 Online load measurement
- 🔧 Remotely operated
- 🔧 Jumbo size indicator for load display
- 🔧 Rugged & Robust construction to suit any kind of industrial environment.
- 🔧 Hook on type design for easy use

Technical Specification;

Load cell	Strain gauge type
Capacity	1, 2, 5, 10, 20, 50, 70, 100 Tons
Digital Indicator	Microcontroller type with two set points
Display	6 digit 1" LED Display to set in the operator's cabin
Jumbo display	Optional 4" display with suitable length of wire
Outputs	Potential free relay outputs
Tare	Zero facility through remote up to 20 meter distance



Contact us:

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We also manufacture:

- ✓ Design & Development of Customized requirements
- ✓ Microcontroller Based Systems for Load, Pressure, Torque, Displacement, Temperature, Multifunction Digital Indicators, Batching Systems, Data Acquisition Systems, Air Leakage Testing System, Light Testing System, Computerization of Materials Testing Machines, Timers, Counters, Production Counter, Impact Tester, Hardness Tester.