

GUARDIAN-2

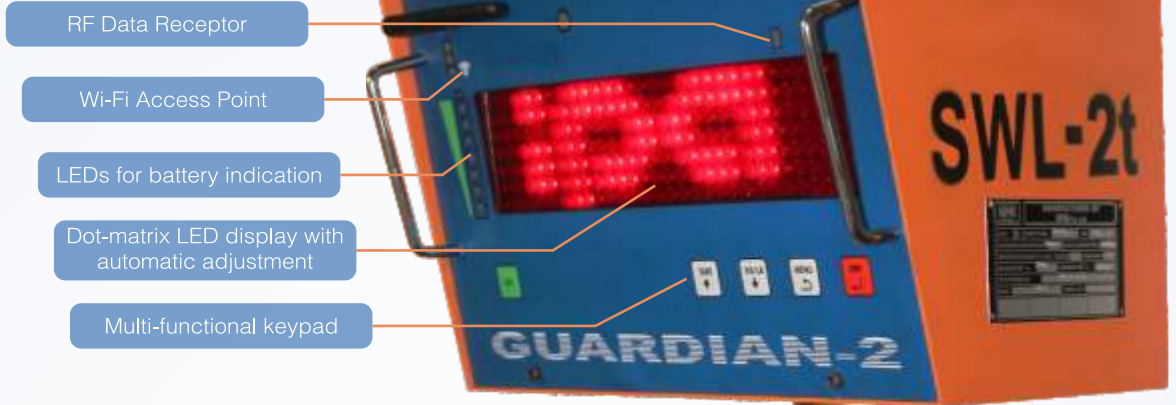
CRANE SCALE



Guardian-2 is a robust Crane Scale with advanced features making it compatible in harsh industrial conditions. The Scale has high-bright, day-light matrix LED display, visible in direct sunlight. RF enabled remote control makes the operations on the Scale handy, and added feature is an Android application to track the weight on the Scale, for industries like metal machining, foundry, shipyards, steel, cement etc.

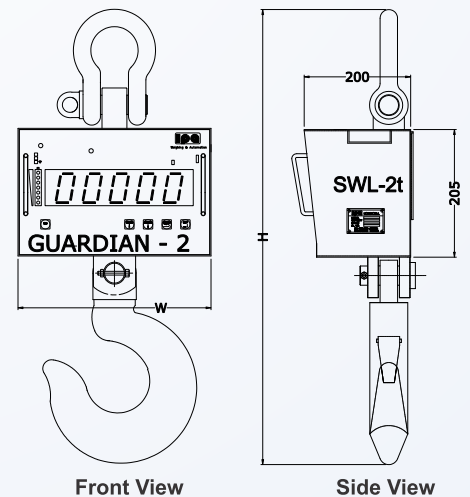
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CRANE SCALE



Technical Specifications:

Model No	CW-2	CW-5	CW-10	CW-20
Capacity	2000kg	5000kg	10000kg	20000kg
Resolution	0.5kg	1kg	2kg	5kg
Safe maximum load	150% of SWL			
Proof load	200% of SWL			
Units	Kg/lb			
Battery type	Rechargeable battery for both Scale and Hand-held			
Battery life	Scale 100 hours /Remote control 20 hours continuous			
Display type	5-digit 50 mm dot-matrix LED display			
Brightness Adjustment	Automatic			
Battery Indication	On the display for the Scale and LED indication on the remote control			
Low battery Indication for Scale	Display indicates "l_bat" @ 5.8V			
Low battery indication for Remote control	LED on the remote control blinks continuously @3.3V			
Over-load Indication	Display indicates "O_Id"			
Calibration	Through remote control or keypad on display			
Operating Temperature	0°C to 50°C			
Enclosure	Mild steel			
Front panel	Polycarbonate			
Paint	Anti-corrosive orange paint for casing			
Protection Class	IP-54			
Transmission	RF			
Frequency	2.4GHz			
Range	50m			
Functions possible through remote control	Tare, Accumulate, Zero, Hold, Gross, kg/lb, on/off, calibrate, etc.,			
H(mm)	660	660	846	1112
W(mm)	310	310	340	340



Front View

Side View

RF REMOTE CONTROL

RF enabled remote control module with 16-key functional keypad.

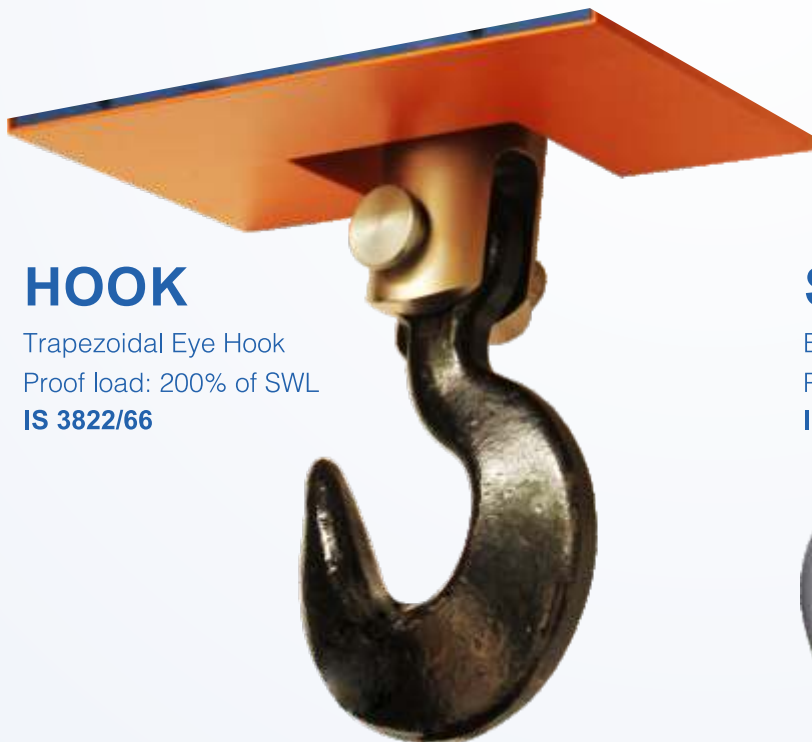
Remote Control features:

The 16-key keypad RF enabled remote control operates in 2.4Ghz frequency with a maximum operating range of more than 50 meters. It operates on 7.4V/2200 mAh battery. An LED indication is provided to indicate the power ON condition, also the LED blinks continuously to indicate low battery.



The different keys used to perform different functions are:

- Tare
- Calibration (Single-point and 10-point)
- Accumulate
- Total of Accumulated data
- Hold – to freeze the data reading on the Scale
- Pounds/Kg conversion
- Gross weight reading
- Clear
- Switch ON/OFF the Scale
- Other keys to perform Calibration, adjust settings to configure the Scale for Wi-Fi reception etc.,



HOOK

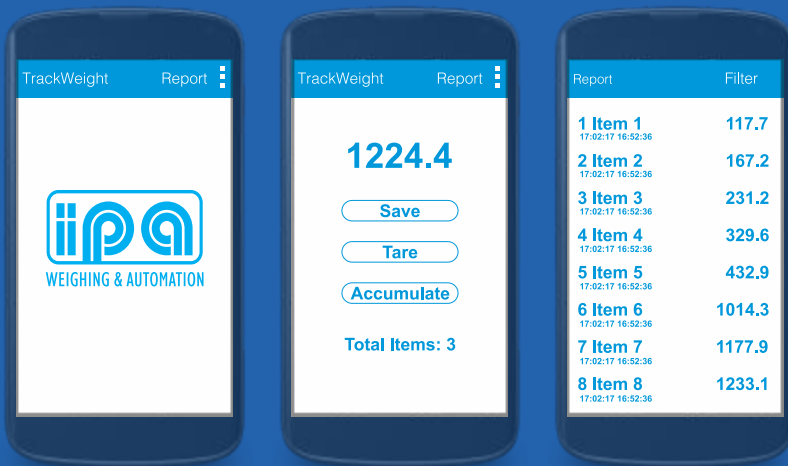
Trapezoidal Eye Hook
Proof load: 200% of SWL
IS 3822/66

SHACKLE

Bow shackle Screwed pin type with Collar and Eye.
Proof load: 200% of SWL
IS 6132/72 Part II



Mobile App



Features: Remote zeroing of the scale
Totalizing of the readings
Save for future use

- The App **Track Weights** can be downloaded from Google Play store. It can be used in Smartphones with Android version 4 or greater.
- The Scale acts as an access-point for the transmission of data.
- The mobile app is used for receiving the readings on the Scale. A distinct feature is being able to store a record of weighed values.
- This feature is extremely valuable in material handling industries, where the weight of different raw materials weighed at different times can be saved for future reference in the Smartphones.

Our range of products

STATIC WEIGHING SYSTEMS

- Tank / Hopper / Silo Weigher
- Weigh Bridge
- Crane Weighing System
- Batching System
- Liquid Dispensing System
- Level Monitoring System
- Bagging System
- Ladle Weighing System
- Hook-on Crane Scale
- Wagon Weigh Bridge
- Weigh PADS (Axle Weighing)

DYNAMIC WEIGHING SYSTEMS

- Belt Scale
- Weigh Feeder
- Differential Feeder
- Bag Check Weigher
- Gravimetric Screw Feeder
- R. C. Feeder
- Loss-in Weight Feeder
- Batching System
- Solid Flow Meter
- In-Motion Weigh Bridge

SENSORS

- Strain gauges
- Loadcells
- Pressure Transducer
- Piezo Electric Accelerometer

MEASUREMENT & CONTROL ELEMENTS

- Field Programmable Digital Indicator / Controller
- Vibration Meter
- Signal Conditioner
- Trip Safe
- Bulk Density Meter
- Vibration Switch

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