

iWeigh™ Pro Scale

The Loadstar Sensors iWeigh Pro scale provides a simple, convenient and rugged multi-sensor scale that is perfect for most industrial or commercial warehouse applications that require connection to a PC. Weights are digitally sent to the USB port of a PC and can be viewed using our LoadVUE or LoadVUE lite software. Designers can build custom applications using the software command interface that allows the weight to be read without need for any knowledge of load cells.

Highlights

Capacitive Load Cell Technology

- Plug and Sense Simplicity
- Standard USB output
- Power supplied via USB port
- Stored calibration



Precise
Accuracies to 0.25%.



Rugged
Sensors made with light weight, durable aluminum.



True USB
No need for signal conditioning or data acquisition system - direct measurement on your PC.



Easy to Use
Just place in your warehouse or floor.

Multiple Capacities

- iWeigh Pro 200 lbs.
- iWeigh Pro 400 lbs.
- iWeigh Pro 1,000 lbs.

Optional Interfaces

- WX-400 - Wireless USB 20' range
- DS-3000U - Display & Interface

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Overview

The iWeigh Pro scale includes everything you need to begin weighing upon delivery. At lower capacities the scale offers a convenient, compact and portable weighing capability. However, if a user needs higher capacities the iWeigh Pro can be used as a floor scale, pallet scale or warehouse scale.



Here's How It Works



iWeigh Pro

1 Sense

Digital USB Signal



2 View & Process

LoadVUE CG, LoadVUE or LoadVUE Lite



iWeigh Pro

Optional Display



DS-3000

Simply connect the iWeigh Pro scale to a PC via the USB port. The scale appears on the PC as a virtual COM port. Using a standard terminal emulator send commands to the sensor to display loads on screen. They can either be one at a time or in continuous operation mode. Alternatively, use an application (LoadVUE or LoadVUE Lite) to simplify load measurements on a PC. Additionally, connect a DS-3000 Display and view the loads on the built in LED display.

Sensors



Display & Controller



Software



iWeigh™ Pro Scale

Dimensions

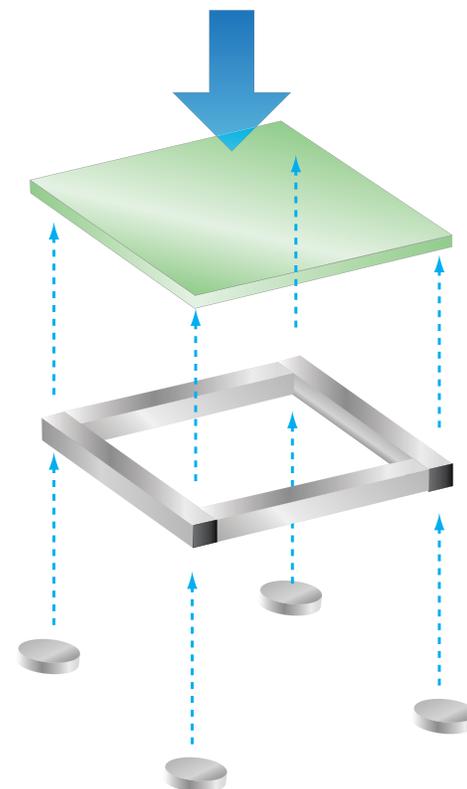


Rated Capacity	200 lb.	400 lb.	1000 lb.
Dimensions	12 x 12 in.	24 x 24 in.	36 x 36 in.
Height	2.625 in.	3.75 in.	3.75 in.
Accuracy (with TARE)	0.25%	0.25%	0.25%
Load Cells	(4) 50lb.	(4) 100lb.	(4) 250lb.

iWeigh Pro Scale Specifications

Accuracy	
Sampling Rate	10 Hz (Higher available)
Mechanical	
Safe Overload	to 150% of capacity (200% - 500% available)
Sensor Size	3-in. OD, 0.505-in. thick top-to-bottom
Electrical	
Input Power	Input power from USB Digital Output - USB 2.0 (5V at 50 mA)
Output	
Digital USB	USB 2.0 (Virtual COM Port) - Standard
Environmental	
Compensated Temperature Range	+5°C to +40°C (with tare)
Connections	
Connector Information	Standard female 5-pin USB mini-B connector.
Mating Cable	USB 5-pin mini-B to male USB-A (MX-600) 6' long

iWeigh Pro Assembly



iWeigh Pro Scale Options



200 lb.



400 lb.



1,000 lb.

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