

AC15-LP Low-Profile Aircraft Scales

Compact, Low-Capacity Platform Weighing for Military & Civil Aircraft



INTRINSICALLY
SAFE CERTIFIED



Precision Meets Portability

The **AC15-LP** combines aviation industry leading accuracy in a platform that weighs just 39lb (18kg). The low profile platform eliminates the need for long ramps and enables the aircraft to be easily towed on to the weighing surface. The fully electronic shear beam load cells are linearized using state of the art strain gauges and electronics to mitigate the effects of side and rotational forces while delivering accurate and repeatable results through the entire range of capacity.

Each scale contains an easy to read 1" (25mm) high LCD with back light. Individual load cells are connected directly to the main circuitry and read through low noise 24 bit analog to digital converters while the firmware allows for precise digital keypad calibration saving you time at certification. On board diagnostics continuously monitor the status of the scale while built in temperature compensation and digital filtering provide stable readings with excellent zero return for added assurance in your readings.

The highly efficient circuitry and overall low parts count power up to 200 hours of continuous use on commercially available alkaline batteries which virtually eliminate the need to charge your scales.



AC15-LP Low-Profile Scales

 **Fully Integrated
RFX™ Wireless
Weighing Technology**

- Up to 15,000lb (7,500kg) Capacity per Scale Pad
- Accuracy of $\pm 0.1\%$
- Fully Electronic Shear Beam Load Cells
- 200 Hours Battery Life
- No External Antenna

AC15-LP Low-Profile Aircraft Scales

Expand your data gathering and processing capabilities by using built-in wireless communication



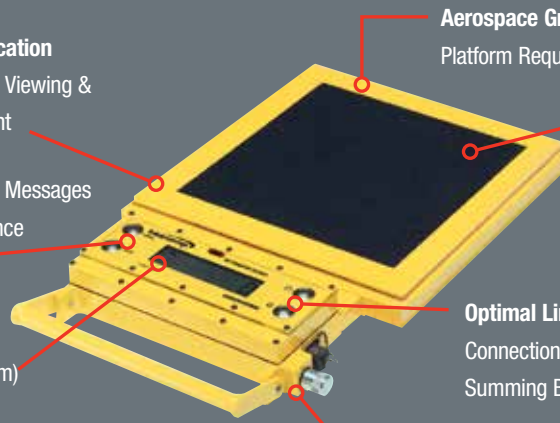
AC15-LP Features

Fully Integrated Wireless Communication

with No External Antennas for Remote Viewing & Control Up to 300 ft (90m) Line of Sight

On-board Diagnostics Provides Error Messages & Alerts User to Changes in Performance of Specific Load Cells

Easy Viewing of Weights Via 1" (25mm) High LCD with Auto Back Light



Aerospace Grade Billet Aluminum Low-profile Platform Requires No Centering of Tire

Fully Electronic, Self-contained, Temperature Compensated Load Cells Eliminates Leveling, Warmup & Leaks Associated with Hydraulically Actuated Load Cells

Optimal Linearity Multi-point Calibration via Direct Connection of Circuitry to Load Cells Eliminates Need for Summing Boards

200-Hour Run Time Using Alkaline Batteries which Eliminates Manual Recharging

AC15-LP Specifications

Capacity	2,500lb (1,250kg), 5,000lb (2,500kg), 10,000lb (5,000kg), 15,000lb (7,500kg)
Graduation	User Selectable
Accuracy	± 0.1% of Reading*
Platform Size (L x W x H)	15" x 15" x 1.5" (381mm x 381mm x 38mm)
Weight	39.5lb (17.9kg)

*Overall performance may be affected by graduation size, capacity, and calibration parameters

iACWeigh® App by Intercomp & iAWBS by Lockheed Martin

Simplify Aircraft Weighing & Data Collection with Intercomp's Fully-Featured App for iPad®

- Free App from App Store (Allows for Manual Entry)
- Communicate & Control Scales with RFX-WiFi Converter (Sold Separately)
- Converter provides Direct Communication with Lockheed Martin iAWBS
- Calculate C.G., Save, Review, Export & Email Weighing Records



iPad® not included



ACWeigh® Software by Intercomp | Weights Can be Read Automatically via the Optional USB Wireless Node

Full Function Software for Inventory, Reporting & Storage of All Weight & Balance Data

- Customize with Procedures, Layouts, Inventory Check-list, Weighing Records, & Calibration Data
- Formatted in MS Excel®
- Ideal for Simultaneous View & Control of Large Number of Scales or Monitoring Weight over Long Periods of Time



Laptop not included

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