

# AC60-LP™ Low-Profile Aircraft Scales

Platform Scale for Military, Commercial,  
Narrow Body & Wide Body Aircraft



INTRINSICALLY  
SAFE CERTIFIED



## *Low-Profile, Intrinsically Safe Aircraft Scales*

From the global leader in fully-electronic aircraft scales incorporating performance certified load cells, Intercomp has combined field-proven reliability into a lightweight, low-profile design that has the ATEX certification required for aircraft weighing.

With a large weighing platform size, the **AC60-LP™** aircraft scale allows you to weigh all types of military and commercial aircraft. This scale is Intrinsically Safe Certified for use in aircraft hangars when fuel and fumes are present. No other range of aircraft scales offers operators and maintenance personnel this qualification.



# AC60-LP™

Fully-Electronic | Low-Profile | Lightweight

## Accurate, Stable, Repeatable Readings

Intercomp's fully-electronic load cells and platform scale systems incorporate GaugeSense™ technology, which actively senses, corrects, and controls to provide the most exact and reliable means of measurement for aviation weight and balance operations. Load sensing is designed with modern strain gauges bonded to self-contained load cells and have proven to be the technology of choice for the world's leading airframe manufacturers, airlines and MROs.

Fly-by-wire technology—as with modern aircraft systems, the **AC60-LP™** contains no hydraulic/piezo pressure sensing. The shear beam load cells are scale industry standard for high capacity platform weighing and unsurpassed in their ability to mitigate the effects of side load caused by long moments or rotational forces and eliminate the need for leveling when weighing on sloped hangar floors. Scale readings stabilize in seconds, providing excellent repeatability and return to zero. The fully-electronic design eliminates the need for warm up, and can automatically adjust for changes in temperature to provide consistent readings no matter the climatic conditions.



Low-Profile, Towable Cart Eliminates Lifting of Scales & Contains Entire Kit – Including Ramps, Spacers, Tire Stops & Scales



- Fully Integrated Wireless Communication with No External Antennas for Remote Viewing & Control Up to 300' (90 m) Line-of-Sight
- Aerospace-Grade Billet Aluminum Provides High-Capacity Support Structure Requiring No Centering of Tire. Beveled Edges Allow Tire to Suspend from Side of the Scale

- Fully Electronic, Self-contained, Temperature Compensated Load Cells Eliminate Leveling, Warmup & Leaks Associated with Hydraulically Actuated Load Cells
- On-Board Diagnostics Provide Error Messages & Alert Users to Changes in Performance of Specific Load Cells



2.25" (57 mm) Low-Profile Platform Minimizes Towing Distance

## Single-Person Portability

At just 100 lb (45 kg) with ergonomically designed handles and integrated wheels for movement, the **AC60-LP™** is simply the easiest scale to set up and transport. By storing the scales vertically in a low ride cart, we eliminated lifting because the integrated wheels of the **AC60-LP™** allow you to roll the scale directly from the cart to the landing gear. Moreover, there are no protruding handles, ramps or antenna connectors—everything is streamlined to protect and allow for safe access of people and equipment as they move about the scale.



## Cost Effective Calibration & Maintenance

**AC60-LP™** scales are delivered using the highest calibration standards directly traceable to U.S. National Institute of Standards and Technology (NIST). Advanced multipoint span with direct connection to load cells eliminates summing boards and potentiometers providing a strong, clear and linearized signal. Using auto-calibration systems—the same type systems delivered to Airbus, USAF & U.S. Army, we calibrate our scales with stability of 0.2 lb of force and accuracies of 0.025% enabling the **AC60-LP™** to have unmatched precision throughout the entire range of capacity.

Intercomp calibration systems are available for purchase or you can send your scales to one of our maintenance centers located in the U.S.A., Europe and Asia.

## AC60-LP™ Low-Profile Aircraft Scales

Ergonomically Designed with Smooth Edges & Recessed Handles for Safe Handling & Positioning

Recessed Wheels Enable Single-person Portability

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

Up to 200-Hour Run Time Using AA (LR6) Alkaline Batteries which Eliminate Manual Recharging



Optional External Power & Communications Connector for Wired Use

## Simplify the Aviation Weighing Process...



Laptop not Included



### iACWeigh® App

Intercomp's Versatile App for iPad®:

- Free App from App Store(Allows Manual Entry)
- Communicate & Control Scales with RFX™/WiFi Module (*Sold Separately*)
- Bundled Accessories Available with iPad®, Module & Printer (with Module)
- Calculates Center of Gravity
- Save, Review, Export & eMail Weight Records
- Zero Scales Remotely
- Converter Communicates Directly with AWBS App by Lockheed Martin

### ACWeigh® Software

Fully-Featured Software to Meet Your Requirements:

- Ideal for Multiple Scale or Aircraft Configurations When Monitoring Weight Over a Long Period of Time
- Handle Weighing Procedures, Inventory Adjustments, Calibration Data of Scales, Aircraft Type, Registration, Non-Level Weighing & Rotation of Equipment
- Built-In & Custom Layouts
- Export Data into Excel Spreadsheets
- Weights Can be Read Automatically via the USB Wireless Node

acscale@intercompcompany.com

Worldwide: +1 763-476-2531

Toll Free: 800-328-3336

© 2019 Intercomp Company



Specifications subject to change without notice.

CE ISO 9001:2015 Registered



Printed in the U.S.A.

700654