

AC40-LP Low-Profile Aircraft Scales

Lightweight, Platform Weighing for Commercial Aircraft



Precision Meets Portability

The **AC40-LP** combines aviation industry leading accuracy in a platform that weighs just 49lb (22kg). 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.



AC40-LP Low-Profile Scales

**Fully Integrated
RF[™] Wireless
Weighing Technology**

- Up to 40,000lb (20,000kg) Capacity per Scale Pad
- Accuracy of $\pm 0.1\%$
- Fully Electronic Shear Beam Load Cells
- 200 Hours Battery Life
- No External Antenna

AC40-LP Low-Profile Aircraft Scales

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



AC40-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

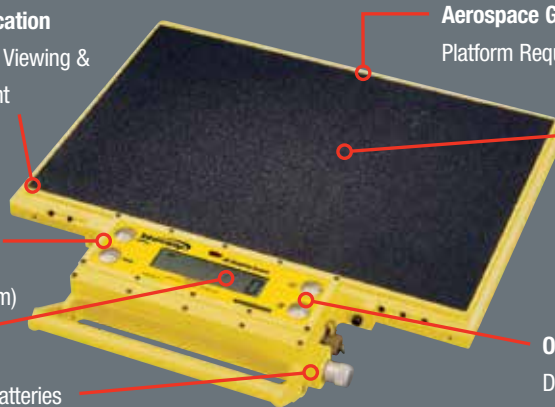
Provides Error Messages & Alerts User to Changes in Performance of Specific Load Cells

Easy Viewing of Weights Via 1" (25mm)

High LCD with Auto Back Light

200-Hour Run Time

Using Alkaline Batteries which Eliminates Manual Recharging



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 Eliminated Need for Summing Boards

AC40-LP Specifications

Capacity	30,000lb (15,000kg)	40,000lb (20,000kg)
Platform Size (L x W x H)	22" x 15" x 1.7" (559mm x 381mm x 43mm)	22" x 15" x 2.0" (559mm x 381mm x 50mm)
Weight	49lb (22kg)	54lb (24.5kg)
Graduation	User Selectable	
Accuracy	± 0.1% of Reading*	

*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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Intercomp
advanced weighing technology... by any measure

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