

Aircraft Scales for eVTOL Weighing

Scale Options Across a Range of Platform Sizes and Capacities



Precision Meets Portability

Aircraft weights have a dramatic effect on lift, propulsion, control (pitch, roll, yaw), and battery longevity. Weight and balance procedures are a critical part of any development program. Any weight savings on the airframe translates into increased payload and passengers or longer flight duration. Aviation scale accuracy requirements are critical, one-tenth of 1 percent (0.1%). An accurate scale weight will allow an accurate center of gravity calculation.

Intercomp is the world's leading manufacturer of aircraft weighing systems. Our scale design is recognized by our customers to be the most robust and reliable aircraft weighing systems currently offered. Our aircraft scales accurately weigh everything from helicopters, single engine aircraft, and UAV's to the world's largest passenger aircraft, the Airbus A380. Whether your facility requires low or mid-capacity aircraft scales, Intercomp scales for eVTOLs provide many beneficial qualities. Each of our scale systems are built to provide accurate weight results and efficiencies that are ideal for research and development.

AIRCRAFT SCALES FOR eVTOL WEIGHING



ACII™ Aircraft Platform Scales

The ACII™ Series Scales are a low cost and reliable scales available to operators for weighing light aircraft.

- Accuracy of $\pm 0.1\%$ of Reading
- 1,500 lb (750 kg) | 2,500 lb (1,700 kg) | 5,000 lb (2,500 kg) Pad Capacities
- Calculates Center of Gravity
- RS232 Output on Scales & USB Output on Indicator
- Indicator Displays Individual & Total Weight
- Standard AA Rechargeable Batteries Last up to 300 Hours



AC15-LP™ Aircraft Platform Scales

The AC15-LP™ combines aviation industry leading accuracy in a platform that weighs just 39 lb (18 kg).

- Accuracy of $\pm 0.1\%$ of Reading
- 2,500 lb (1,250 kg) | 5,000 lb (2,500 kg) | 10,000 lb (5,000 kg) | 15,000 lb (7,500 kg) Pad Capacities
- Temperature Compensation, Auto Leveling & Auto Calibration Correction
- Low-Profile, 1.7" (43 mm) Scale Height
- Platform Weighs only 39 lb (18 kg)
- Standard AA (LR6) Batteries Last up to 200 Hours
- Certified Intrinsically Safe Scales Available



Jack Weigh Kits

Jack Weigh Kits for weighing eVTOL aircraft are convenient and simple to use, requiring less space than pad scales since no towing room is required

- Accuracy of $\pm 0.1\%$ of Reading
- 5,000 lb (2,500 kg) | 10,000 lb (5,000 kg) | 25,000 lb (12,500 kg) per Load Cell Capacities
- Wireless or Cabled 3-to-4 Load Cell Systems Available
- Interchangeable Adapters to Weigh All Types of Aircraft
- Single-Person Portable Case & Kit

Laptop not Included



ACWeigh® Software

Simplify the aircraft weighing process with an easy-to-use, automated software package

- 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
- Read Weights Automatically via the USB Wireless Node

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