

Jack Weigh AC100 RFX™ Kit

Wireless or Cabled Top-of-Jack Weighing Systems
for Military & All Commercial Aircraft



Accurate, Rugged & Universal Top-of-Jack Weighing Systems

Featuring RFX™ Wireless Weighing Technology for safe and convenient cable-free top-of-jack weighing. Intercomp's Jack Weigh Kits™ use technologically advanced digital output load cells, which perform an analog to digital conversion right at the cell itself, for complete interchangeability of all components. This minimizes down time because it eliminates the need to recalibrate, allowing spares to be swapped on site. The field proven load cell design mitigates influences of transverse forces, bending moments, torque and temperature variations for accurate and repeatable results.

The **AC100™** is a full function ruggedized CPU with an IP67 enclosure capable of collecting and storing critical weight and balance data. Load cells and total weight are displayed on a large LCD readout with one-touch controls for zero, arm length and center of gravity computation, allowing for seamless integration to your existing weight and balance process. An on-board printer generates a report of all weight and C.G. related data, while up to 1,000 records can be stored in on-board memory and exported via RS232 or USB ports. The CPU communicates with load cells via wireless or cabled configurations.

JACK WEIGH AC100 RFX™ KITS

Jack Weigh AC100 RFX™ Kit

- Up to 100,000 lb (50,000 kg) Capacity per Load Cell
- Accuracy of $\pm 0.1\%$
- Configurations for Civil, Military & Commercial Aircraft
- Interchangeable Components Between Kits
- Includes AC100™ CPU Digital Output Load Cells, Jack & Aircraft Adapters, Power Supply & Transport/Storage Case
- Models Approved to USAF PDLEEG17



Load Cell & Accessory Case w/ Wheels & Telescoping Handle (AC100™ Housed Separately)



AC100™ CPU

- Display Individual Load Cell, Group & Total Weight, Mac% & C.G.
- Specific Hot Keys for Primary Functions
- Operates up to 32 Load Cells Simultaneously
- Operates on D-Size Batteries to 40 Hours Continuously
- On-Board Printer for Complete Report
- Store up to 1,000 Aircraft Types & Arm Lengths
- Memory Storage & USB/RS232 Output



Load Cell Specifications

Capacity	5,000 lb (2,500 kg) 10,000 lb (5,000 kg) 25,000 lb (12,500 kg) 50,000 lb (25,000 kg) 100,000 lb (50,000 kg) per Load Cell
Graduation	User Selectable
Accuracy	$\pm 0.1\%$ of Reading or 0.02% of Load Cell Capacity— Whichever is Greater

AC100™ CPU Specifications

CONTROLS

General	40 CONTROL KEYS: On/Off, Reset, kg/lb, Zero, Clear, Enter, a Numeric Keypad, Adjust Screen, Back Light, Time/Date, Exit, Menu, Four Arrow Keys, Show Weight, Show Arms, Print, AC Info, Set Arm, Set Alt/Lat, Save Weigh Record, Recall Weigh Record, Clear Weigh Record, Save Arms, Recall Arms, Clear Saved Arms, & Output Saved Data
Display	5.7" (145 mm) Graphic LCD with Backlight

ELECTRICAL

Voltage	100 to 240 VAC, 50 to 60 Hz Universal Plug Kit Included
Batteries	6 D-Cell Alkaline or NiMH Rechargeable Cells with External Access
Battery Life	40 to 200 Hours Dependent on System Configuration, Printer, & Backlight Use

RFX™ Wireless Radio Specifications

Radio Frequency	ISM 2.4 GHz, 802.15.4 DSSS
License Requirements	None. Pre-Approved US/FCC, CAN/IC, EUR/CE
Range	200'/60 m Indoor, 300'/90 m Line of Sight
Batteries	4 x AA NiMH Rechargeable or 4 x AA Alkaline Batteries
Battery life	36 Hours with Alkaline Batteries

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Specifications subject to change without notice.

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