

The LP600 scale is designed to maximize legal payloads with concern for violations and reduction of maintenance due to overload stress on equipment. Weighing a mere 49 lb/22 kg and only 1.5"/38 mm high, this sturdy, all aluminum, fully electronic, self-contained wheel load scale is capable of weighing loads up to 30,000 lb/15,000 kg with an accuracy of $\pm 1\%$. The scale is fully battery operated and only requires infrequent recharging from a 12, 110, or 220 volt power source. A charger is provided.



This Item Contains the following items

[1 x Intercomp 182004-RFX - LP600 Low Profile Wireless Digital Wheel Load Scale with Solar Panels. 20,000 x 20 lb](#)

Manufacture: Intercomp
SKU: **170002RFX**

Please Call (800)832-0055

Features

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Compact, hand-held infrared remote control enables user to control all functions of the scale from a standing position. Jumbo size 1"/25 mm LCD Display is readable from 25 feet /8 meters and automatically illuminates during use in low-light conditions.

For the purpose of obtaining an axle weight, it is possible to interconnect up to 32-LP600 Scales. You can view the wheel or total weight of all interconnected scales at any location Axle and axle group weights can be accumulated by using two or more scales. The Scales are linked at the I/O

terminal jack with an optional cable.

The I/O terminal can also transmit pertinent data to a printer or a display, such as Intercomps S400HI ultra bright digital display. Also available are optional carrying cases that exceed government specifications.

- Accuracy of $\pm 1\%$ of Reading
- 5,000 lb (2,500 kg) to 20,000 lb (10,000 kg) Pad Capacities
- Large, Easy-to-Read, LCD Display
- [Standard AA Rechargeable Batteries Last up to 300 Hours in Scales](#)
- [View PDF](#)

Models	170122-RFX	170002-RFX	170003-RFX	170004-RFX	170005-RFX
Capacity X Graduation	30,000 X 50 lb	20,000 x 20 lb	20,000 x 10 lb	10,000 x 5 lb	5,000 x 5 lb
	15,000 X 20 kg	10,000 x 10 kg	10,000 x 5 kg	5,000 x 2 kg	2,500 x 2 kg
General					
Data Interface:	RS232, RS485				
Batteries:	6-1.2 Volt ni-cads (standard), or alkalines				
Battery Life:	Approximately 1 year (1500 charge/discharge cycles)				
Battery duration between charges:	Approximately 25 hours of continuous use before the scale shuts itself off. (these numbers are lowered by the use of the lamps or active current loop transmission)				
Charging Voltage:	11.5 volts - 14.5 volts D.C. Protection is provided for accidental reversal of the charging connections				
Charging Current:	Starts at 300mA and drops down to 50mA after 8 hours				
Charging Time:	8 Hours if the batteries are discharge to the point of turning off the scale				
Operation:	Infrared remote control or pushbutton				
Specification					
Humidity:	10 to 95% Non-Condensing				
Temperature:	-20° to 150°F/ -28° to 65° C -40° to 170°F/ -40° to 75°C				
EMI-RFI:	Meets Mil Spec 461				
Physical:					
Weight:	49 lb/22 kg				
Overall Dimensions:	1.5 30 x 16 inches / 38 x 762 x 406 mm				
Platform Size:	22.4 x 15 inches / 569 x 381mm				
Base & Platform:	Aerospace grade billet aluminum				
Display:	1 inch / 25 mm LCD				
Electrical					
Voltage:	Self-contained nickel cadmium batteries. Integral recharger to charge or operate from a 12, 110, or 220 volt source.				
Outputs:	Axle Totalizing: Transmits weight to another scale for totalizing individual axles. Will totalize axles, tandem axles or wheel groups.				
Printers:	RS232 or RS485 output to interface with a remote printer or display				
Controls					
General:	All controls are located on a waterproof keypad with large stainless steel switches				
On/Off:	Pushbutton On/Off				
Zero/Test:	Pushbutton Zero checks for motion to HB-44 test performs internal test				

Local/Total:	Display local weight or group total
Local/Total:	Prints or accumulates Displayed weights
Indicators	
Battery:	Low battery
lb/kg:	Unit of measure
Local/Total:	Local weight or total of selected scales
Accumulated Total:	Total of all accumulated weights
Filtering	
Analog:	6 pole, 10 hertz low pass
Digital:	Average of several internal weights gives steady readings for unstable load
Auto-Zero:	Satisfies all HB-44 requirements
Performance	
Speed:	950 milliseconds to typical reading (static)
Accuracy:	± 1% of reading static mode
Units:	lb, kg, programmable
Safe Overload:	150% of capacity.

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