



**S**traightpoint

(UK) Limited

World Leaders In Load Monitoring Technology

**Operators Instructions**

**For:**

**Jumbo-weigher *plus***

## General Description

The Jumbo-weigher plus is an advanced microprocessor controlled portable force measuring device.

It features a robust weatherproof construction, large easy-to-read LED display and a rechargeable battery..

The devices are delivered ready to use, complete with a transit case and certificate of calibration.

### IMPORTANT

Please ensure that the Jumbo-weigher plus is fully charged before use.

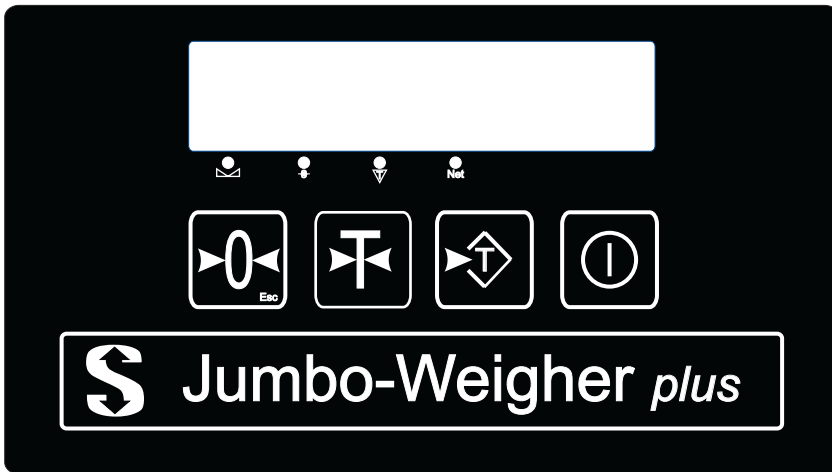
## Getting Started

These devices are simple to use and will give long trouble free service if used as intended.

Before attempting to use the device ensure that the capacity of the unit is suitable for the task being undertaken.

The safe working load is shown on the front of each device.  
e.g. MAX. 5t x 0.001t has a maximum working load of 5 metric tonnes or 5000kg.

# Keypad



Press to switch the Jumbo-weigher on  
Press and hold for three seconds to turn off



Press to tare the Jumbo-weigher, once tared a second press will cancel the tare and return to gross mode






Tare re-call. One press will briefly display the tare value



Press to re-zero the Jumbo-weigher. Only effective if the reading is within 10% of maximum capacity

## Annunciators

-  Illuminated when the Jumbo-weigher is at zero
-  Illuminated when the Jumbo-weigher display is stable
-  Illuminated when a tare value is displayed
- Net** Illuminated when tare has been pressed and a net weight is being displayed

*Please note: the keypad will only function when the display is stable and the  annunciator is illuminated.*

## Measuring A Load

Ensure that the device is switched on 30 minutes before loading, this will allow the temperature stability circuitry to acclimatise. Apply the load SLOWLY and watch the display on the device to ensure that the load applied is not greater than you had estimated.

Avoid shock loads. Do not apply large twisting forces to these devices as it may damage them beyond repair.

After use switch off, and, if removing the device from the test site clean and store, ideally in a Straightpoint carry case.

# Charging Instructions

- 1) Make sure the charger is unplugged from the mains power supply.
- 2) Connect the charger to the Jumbo-Weigher plus, you will find the socket on the underside.
- 3) Plug the charger into the mains and turn on.
- 4) When the green LED on the charger displays the batteries are fully recharged.

Charger Status	LED Status
Charging	Red -on
Charge complete	Green - on
Polarity reversal	Red - flashing
High temperature detected	Red & Green flashing simultaneously
Short circuit	Red & green flashing alternately
Open circuit	Red & green on

For maximum battery life please ensure that batteries are not completely discharged or left charging for long periods of time.

## Care And Faults

While these devices are sealed to IP65 standards they should not be immersed in water.

The effects of solvent on the device can not be guaranteed, and so should be avoided.

Avoid use within 20-30 minutes of rapid changes in temperature - for example moving the device from a cold vehicle into a warm room. The change in temperature can affect the accuracy of the device, the operating temperature is -10 to +40 centigrade.

Should the display show “----” remove the load immediately  
**AS THIS INDICATES AN OVERLOAD SITUATION.**

Check the load applied is within the safe working load of the device, if it continues to display overload contact your supplier.

## Service And Calibration

These products are supplied with a certificate of calibration which is valid for one year.

After this date it is recommended that the device is recalibrated by Straightpoint or an approved calibration laboratory.

Contact the Straightpoint service department or your supplier for more information.

In the unlikely event of this device failing, please ensure that the batteries are re-charged and re-test.

Only when this has been done should you contact your supplier to report the fault. When reporting the fault it is important to give a full description of the problem and the type of application the device is being used for.

Straightpoint (UK) Ltd  
Clovelly Road  
Southbourne  
Hampshire, PO10 8PE  
United Kingdom  
Te: ++44(0)1243 378921  
Fax: +44(0)1243 377745  
[www.straightpoint.com](http://www.straightpoint.com)  
[sales@straightpoint.com](mailto:sales@straightpoint.com)

Distributor: