

Wireless scale



The Wireless Value scale can weigh up to 80 kg. The scale is available in 2 versions. The Sc version is suitable for measuring plants in pots (such as soft fruit). The scale stands on the ground with the feet included, which makes it particularly suitable for measuring watering (and evaporation). The Scg is the variant that can be placed on the growing gutter in fruit vegetable cultivation. With the aid of corner clamps, the scale stands firmly on the growing gutter and its length can be adjusted between 2 metres and 2.6 metres. In this way, it is possible to measure at least 2 substrate mats. The Sc/Scg is the ideal way for measuring weight wirelessly with high accuracy. The Sc/Scg transmits the measured data in grams, which makes it easy to use.

Features

- Accurate wireless detection
- Measuring of substrate and growing pots
- Compatible with all Wireless Value base stations
- Range 1,000 metres (unobstructed line of sight)

Applications

- Horticulture

Specifications

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for indoor fruit and vegetable production and pot plant cultivation
- Suitable for soft fruit sector
- Existing system can be easily expanded with additional sensors
- Unique network ID

The connected base station sends the sensor values to:

- Wirelessvalue.online
- Wirelessvalue.online (with direct connection to climate computer)

Model	wireless scale, steel frame with adjustable aluminium grates
Type	80 kg load cell
Sensor type	2 x 40 kg load cell
Measurement range	
Range	0 – 80 kg
Measurement accuracy	
Accuracy	±0.002 kg (load cell excluded)
Resolution	grams
Input impedance	100K Ohm
Reference output voltage	2.5 V (max. 15 mA)
Max. strain gauge resistance	1K
Overload protection	30 V
Measurement interval (M)	adjustable between 1 second and 255 minutes, standard 2 minutes
Operating limits	-20°C to +80°C
Power supply	battery
Memory	10,000 measurements
Order code South America (Peru)	WSW-DLXlc-80kg
Frequency plan	US902-928
Frequency	916,500 MHz
Legislation	RED, CE
Range	1,000 m with unobstructed line of sight
Enclosure	IP30
Colour	Grey RAL 7035
Dimensions	300 (w) x 2,000 (l) x 650 (h) mm
Weight	16 kg
Configuration	SensorGraph or Wirelessvalue.online
Ordering options	
Length	2.0 m, 2.3 m, 2.6 m