



More information on the website  
[radwag.com/en/info,w1,0TQ](http://radwag.com/en/info,w1,0TQ)

# WLC 12/F1/K Precision Balance



The drawings, photos and graphics used are for illustrative purposes only.

## Functions

 Plus/Minus Control

 Percent Weighing

 Totalizing

 Parts counting

 Internal battery

 Peak hold

 Newton unit measurement

## Datasheet

| Metrological parameters |          |
|-------------------------|----------|
| Maximum capacity [Max]  | 12 kg    |
| Minimum load            | -        |
| Readability [d]         | 0.2 g    |
| Verification unit [e]   | -        |
| Tare range              | -12 kg   |
| Repeatability           | 0.2 g    |
| Linearity               | ±0.6 g   |
| Stabilization time      | 3 s      |
| Adjustment              | external |

| Metrological parameters     |  |
|-----------------------------|--|
| OIML Class                  | -  |
| Physical parameters         |  |
| Leveling system             | manual   |
| Display                     | LCD (backlit)  |
| Weighing pan dimensions     | 300×300 mm   |
| Packaging dimensions        | 570×390×170 mm   |
| Net weight                  | 4.73 kg  |
| Gross weight                | 6 kg   |
| Construction                |  |
| Protection class            | IP 43  |
| Communication interface     |  |
| Communication interface     | RS232  |
| Electrical parameters       |  |
| Power supply                | Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A<br>Balance: 10 – 15VDC 0.6A max |
| Operation time on batteries | 10 h (average time)  |
| Environmental conditions    |  |
| Operating temperature       | +15 – +30 °C   |
| Relative humidity           | 10% – 85% RH no condensation   |

**Repeatability** is expressed as a standard deviation from 10 weighing cycles.

**Stabilization time** depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.



## Accessories

Antivibration Tables  
 Power Adapters  
 RS 232 cables (scale - printer)  
 Stands, wall mounting kits and mounting brackets  
 Cigarette lighter receptacle power supply cables  
 Displays  
 RS 232, RS 485 cables

RS 232 – Ethernet Converter  
 AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 RS 232 – USB Converter  
 RS 232 cables (scale - printer)  
 RS 232 – RS 485 Converter  
 Receipt Printer

## Software

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]

- R-Panel [WX-010-0187]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions

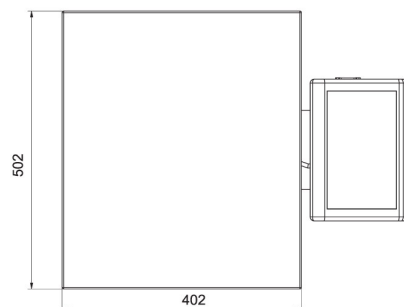
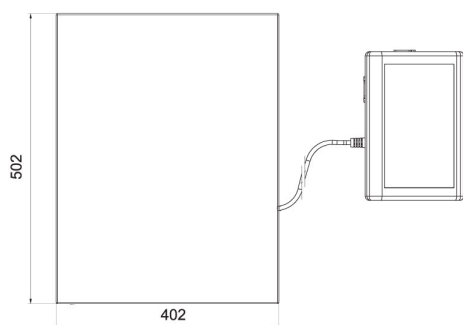


WLC A2



WLC F1/K

WLC F1/R



WLC C2/K

WLC C2/R