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[radwag.com/en/info,w1, XFM](http://radwag.com/en/info,w1, XFM)

# WLC 21.X7 Precision Balance

WL-227-0012



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

## Functions

-  Autotest
-  Dosing
-  Plus/Minus Control
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  Under-pan weighing
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

## Datasheet

### Metrological parameters

|                        |       |
|------------------------|-------|
| Maximum capacity [Max] | 21 kg |
| Readability [d]        | 1 g   |

| Metrological parameters  |                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------|
| Verification unit [e]    | -                                                                                                                      |
| Tare range               | -21 kg                                                                                                                 |
| Repeatability            | 0.8 g                                                                                                                  |
| Linearity                | ±3 g                                                                                                                   |
| Stabilization time       | 3 s                                                                                                                    |
| Adjustment               | external                                                                                                               |
| Physical parameters      |                                                                                                                        |
| Leveling system          | manual                                                                                                                 |
| Display                  | 7" graphic colour touchscreen                                                                                          |
| Weighing pan dimensions  | 195×195 mm                                                                                                             |
| Packaging dimensions     | 430×270×190 mm                                                                                                         |
| Net weight               | 2.2 kg                                                                                                                 |
| Gross weight             | 3.8 kg                                                                                                                 |
| Construction             |                                                                                                                        |
| Protection class         | IP 43                                                                                                                  |
| Components and software  |                                                                                                                        |
| Database capacity        | Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory |
| Communication interface  |                                                                                                                        |
| Communication interface  | 2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi                                                                   |
| Electrical parameters    |                                                                                                                        |
| Power supply             | Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A<br>Balance: 10 – 15VDC 0.6A max                                       |
| Environmental conditions |                                                                                                                        |
| Operating temperature    | +10 – +40 °C                                                                                                           |

**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.

<sup>1</sup> Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories (Additional Fee)

Balance Storage Case  
 Antivibration Tables  
 Power Adapters  
 RS 232 cables (scale - printer)  
 Cigarette lighter receptacle power supply cables  
 USB cable (scale - printer)  
 Barcode scanners  
 Under-pan weighing

RS 232, RS 485 cables  
 Density determination KIT  
 Displays  
 Receipt Printer  
 RS 232, RS 485 cables  
 Protective cover for balances  
 RS 232 cables (scale - printer)  
 RS 232 – RS 485 Converter

## Software (Additional Fee)

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions

