



More information on the website  
[mirror.radwag.com/en/info,w1,XFM](https://mirror.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 W x D x H | 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  
Protective cover for balances  
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 W x D x H

