



More information on the website  
radwag.com/en/info,w1, XFM

# WLC 21.X7 Precision Balance



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	7
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 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

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

- 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

