



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

WLC 6.X2 Precision Balance



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

Functions

-  Autotest
-  Dosing
-  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] | 6 kg |
| Readability [d] | 0.1 g |
| Verification unit [e] | - |
| Tare range | -6 kg |

| Metrological parameters | |
|--------------------------|--|
| Repeatability | 0.1 g |
| Linearity | ±0.3 g |
| Stabilization time | 2 s |
| Adjustment | internal (automatic) |
| Physical parameters | |
| Leveling system | manual |
| Display | 5" graphic color touchscreen |
| Weighing pan dimensions | 195×195 mm |
| Packaging dimensions | 430×270×190 mm |
| Net weight | 2.2 kg |
| Gross weight | 4 kg |
| Construction | |
| Protection class | IP 43 |
| Components and software | |
| Database capacity | 7 |
| Communication interface | |
| Communication interface | 2×RS232 ¹ , 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.

¹ 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

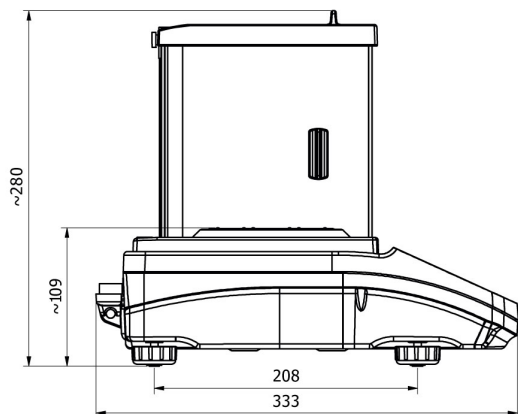
Density determination KIT
 Displays
 Receipt Printer
 Protective cover for balances
 RS 232, RS 485 cables
 Additional modules
 Protective cover for balances
 RS 232 cables (scale - printer)
 RS 232 – RS 485 Converter

Software

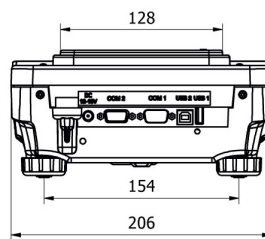
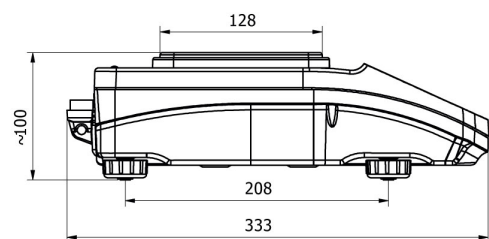
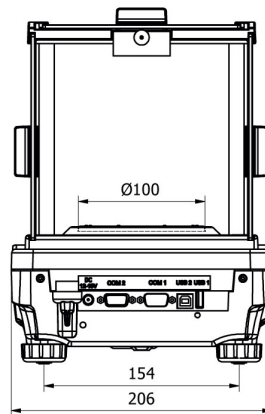
- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

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

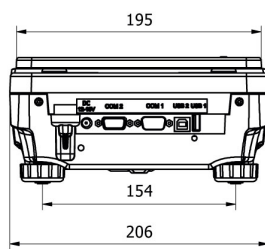
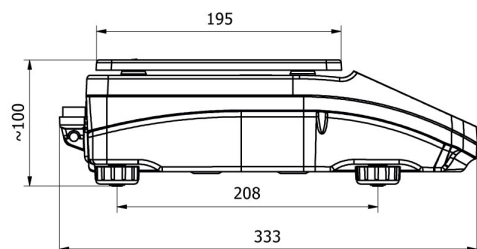
Device dimensions



WLC X2, d = 0.001 mg



WLC X2, d = 0.01 mg



WLC X2, d = 0.1 mg