























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

WLC 1/10.X7 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] | 10 kg |
| Readability [d] | 0.01 / 0.1 g |
| Verification unit [e] | - |
| Tare range | -10 kg |

| Metrological parameters | |
|---------------------------------|---|
| Repeatability | 0.015 / 0.08 g |
| Linearity | ±0.03 / 0.3 g |
| Stabilization time | 4 / 2 s |
| Adjustment | external |
| Physical parameters | |
| Leveling system | manualny |
| Display | 7" graphic colour touchscreen |
| Delivery components | Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply. |
| 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 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

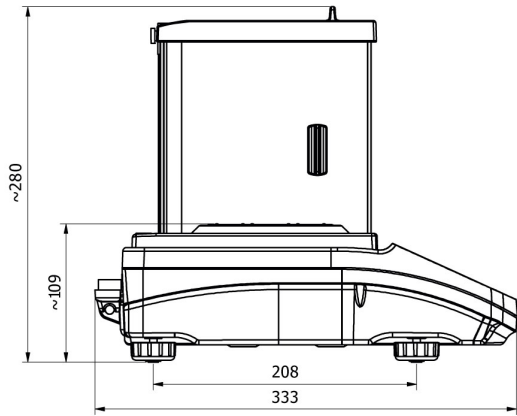
RS 232, RS 485 cables
 Density determination KIT
 Displays
 Receipt Printer
 RS 232, RS 485 cables
 Protective cover for balances
 RS 232 cables (scale - printer)
 RS 232 – RS 485 Converter

Software

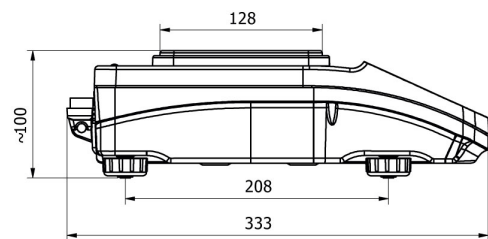
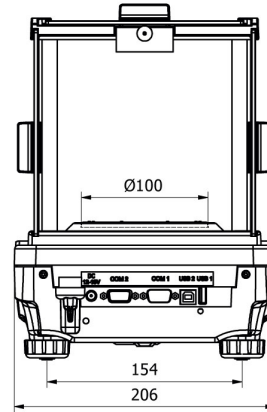
- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

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

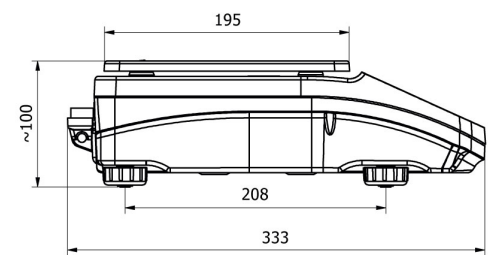
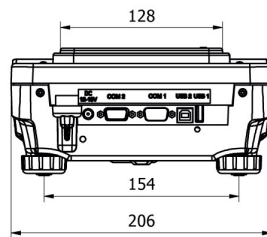
Device dimensions



WLC X2, d = 0.001 mg



WLC X2, d = 0.01 mg



WLC X2, d = 0.1 mg

