



More information on the website
mirror.radwag.com/us/info,w1,ILW

XA 210.5Y Analytical Balance

WL-110-0011



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



Pipettes Calibration



Air density correction



Density determination



Differential weighing



Ambient conditions
monitoring



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi

Datasheet

Maximum capacity [Max]	210 g
Minimum load	1 mg
Readability [d]	0,01 mg

Verification unit [e]	1 mg
Tare range	-210 g
Standard repeatability [5% Max]	0,005 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Permissible repeatability [Max]	0,035 mg
Linearity	±0,1 mg
Eccentric load deviation	0,1 mg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.
Weighing chamber dimensions	168×160×228 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	9,8 kg
Gross weight	16,5 kg
Construction	
Protection class	IP 43
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max*
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0,3 °C / 1 h (±1 °C / 8 h)
Relative humidity	20% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

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



Additional fee for verification



Accessories (Additional Fee)

MediaBox	Automatic feeders
RFID Tags	Label Printers
Antivibration tables	Adapters for pipettes calibration
Power Adapters	THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables	MICRO-KIT - Set of Holders for Microscale Glassware
Holders for laboratory flasks	Under-pan weighing
Density determination KIT	Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Additional modules	Weighing dishes
Holders for test tubes and filters	Antistatic ionizer
Professional Weighing Tables	Receipt Printer
Protective cover for balances	Fingerprint Reader
Barcode scanners	RS 232 – USB Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

Device dimensions W x D x H

