



More information on the website
mirror.radwag.com/us/info,w1,NZ3

XA 120/250.5Y Analytical Balance

WL-110-1002



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
-  Moveable range
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

Datasheet

Maximum capacity [Max]	120 / 250 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg

Verification unit [e]	1 mg
Tare range	-250 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
Linearity	±0,06 / 0,2 mg
Eccentric load deviation	0,2 mg
Sensitivity time drift	1×10 ⁻⁶ /Year×Rt
Stabilization time	3 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 mm open-work pan + ø85 mm (option) + ø68 mm (option) with pipette calibration adapter XA100-1 + ø36 mm (option) with pipette calibration adapter XA17-1
Packaging dimensions W x D x H	750×492×595 mm
Net weight	9,8 kg
Gross weight	14,3 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 Max; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max; 9 – 17W*
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
!Balance Storage Case	

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

