

# XA 120/250.5Y Analytical Balance



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



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

#### **Functions**

Q	Autotest		Dosing	%	Percent Weighing		Parts counting
MAY	Peak hold		Formulation	<b>7</b>	Newton unit measurement	<u>.al</u>	Statistics
- <u>OK</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
	Animal weighing		Pipettes Calibration	≋	Air density correction	ρ	Density determination
nimulu →	Moveable range		Differential weighing	ſ	Ambient conditions monitoring	SQC	Statistical Quality Control
e	Packaged Goods Control		ALIBI Memory		Wi-Fi		

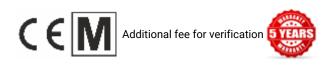
#### Datasheet

Metrological parameters		
Maximum capacity [Max]	120 / 250 g	
Minimum load	1 mg	

Metrological parameters	
Readability [d]	0.01 / 0.1 mg
Verification unit [e]	1 mg
Tare range	-250 g
Standard repeatability [5% Max]	0.005 mg
Standard repeatability [Max]	0.06 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]	0.1 mg
Linearity	±0.06 / 0.2 mg
Eccentric load deviation	0.2 mg
Sensitivity time drift	1×10 <sup>-6</sup> /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, osłona weighing pans, centring rin
Weighing chamber dimensions	bottom cover, brush, fabric dust cover, power supply. 168×160×228 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions	750×492×595 mm
Net weight	9.8 kg
Gross weight	14.3 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max*
Environmental conditions	
Operating temperature	+10 - +40 °C
Operating temperature change rate	±0.3 °C / 1 h (±1 °C / 8 h)
Relative humidity	20% - 80%

**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.



# Accessories (Additional Fee)

MediaBox RFID Tags Antivibration Tables Power Adapters RS 232, RS 485 cables Holders for laboratory flasks Density determination KIT Additional modules Holders for test tubes and filters Professional Weighing Tables Protective cover for balances Barcode scanners Automatic feeders Label Printers

## Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

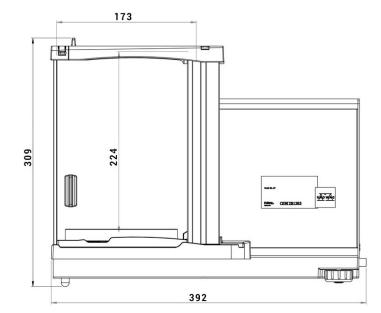
#### RS 232, RS 485 cables MICRO-KIT - Set of Holders for Microscale Glassware Protective cover for balances Under-pan weighing Anti-Draft Chamber for XA 4Y and XA 5Y Balances Weighing dishes Antistatic ionizer Receipt Printer Fingerprint Reader RS 232 – USB Converter Under-pan weighing

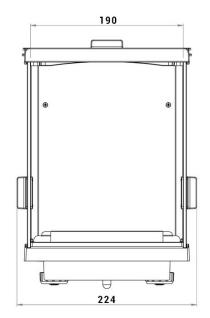
THBR 2.0 System - Ambient Conditions Monitoring

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]

Adapters for Pipettes Calibration

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





## **Device dimensions**