XA 120/250.5Y.A Analytical Balance

WL-110-1000

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	Automatic sliding door
Density determination	Moveable range	Differential weighing	Ambient conditions monitoring
Statistical Quality Control	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 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^{-6}/Year×Rt
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	I

Physical parameters	
Leveling system	automatic − Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber	automatic
Weighing chamber doors	automatic
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, brush, fabric dust cover, power supply.
Weighing chamber dimensions	200×170×220 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	14.7 kg
Gross weight	19.1 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%
Relative humidity change rate	±1% / h (±4% / 8 h)

Standard repeatability [5% Max] and **Standard minimum weight (USP)** are parameters obtained in automatic mode under special laboratory conditions.
Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.
Stabilization time dependson 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.

CE M   Additional fee for verification   2 YEARS

Accessories (Additional Fee)

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

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

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

Device dimensions W x D x H