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XA 121/220.5Y.A Analytical Balance

More information on the website
radwag.com/en/info,w1,48C



XA 121/220.5Y.A Analytical 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
- Pipettes Calibration
- Air density correction
- Automatic sliding door
- Density determination
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

	XA 121/220.5Y.A Analytical Balance
Metrological parameters	
Maximum capacity [Max]	121 / 220 g
Minimum load	-
Readability [d]	0,005 / 0,01 mg
Verification unit [e]	-
Tare range	-220 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,025 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,01 mg
Permissible repeatability [Max]	0,035 mg
Standard linearity	0,06 mg
Permissible linearity	0,1 mg
Standard eccentric load deviation	0,06 mg
Permissible eccentric load deviation	0,1 mg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	-
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	ø78 mm
Packaging dimensions	750×492×595 mm
Net weight	14,7 kg
Gross weight	16 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, 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)

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

MediaBox
RFID Tags
Antivibration Tables
Adapters for Pipettes Calibration
Power Adapters
Protective cover for balances
RS 232, RS 485 cables
Density determination KIT
Additional modules
Professional Weighing Tables
Protective cover for balances
Barcode scanners

Automatic feeders
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
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

Software

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio

RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions

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