

XA 210.5Y Analytical Balance





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

Functions

Q	Autotest		Dosing	%	Percent Weighing	•••	Parts counting
MAX	Peak hold		Formulation	/	Newton unit measurement	<u>.al</u>	Statistics
- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
	Animal weighing	8	Pipettes Calibration	≈	Air density correction	ρ	Density determination

Oifferential weighing Ambient conditions sQC Statistical Quality Control	D			SQC	Statistical Quality Control	е	Pa
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Differential weighing	Ambient conditions monitoring	SQC	Statistical Quality Control	e	Packaged Goods Control
ALIRI Memory	Wi-Fi				

Datasheet

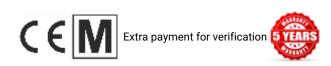
Maximum capacity [Max]	210 g
Minimum load	1 mg
Readability [d]	0,01 mg

Verification unit [e]	1 mg
Tare range	-210 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,025 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Permissible repeatability [Max]	0,035 mg
Linearity	±0,1 mg
Eccentric load deviation	0,1 mg
Sensitivity time drift	1×10 ⁻⁶ /Year×Rt
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	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, 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.

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



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

Accessories

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

Label Printers
Adapters for pipettes calibration
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
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

Software

Automatic feeders

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor EWAG 2.1 [WX-010-0173]

Device dimensions

